

InterWorx API¹

by InterWorx LLC

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Part I

InterWorx API Overview

Chapter 1

Introduction

The InterWorx API is a fantastic resource for developers to easily and rapidly achieve integration of InterWorx into their own products. The InterWorx API also allows the technically savvy webhost to automate custom tasks that might otherwise be too difficult or cumbersome to perform manually. It allows complete and total control over almost every aspect that a user would have access to if they were performing the actions themselves through the web interface. It is capable of feeding the same information that a user would see inside the control panel to your own application. The main reason that the API is so robust is that the NodeWorx and SiteWorx web interfaces are API clients themselves - InterWorx operates as an abstracted application model behind the API. That means all new features are added to the API first before they are even accessible in the web interface and that means you will rarely have to wait for something that you can do in the interface to become available in the API.

The API is based on open standards known collectively as “Web Services,” which include XMLRPC, SOAP, and the Web Services Definition Language (WSDL). These standards are supported by a wide range of development tools on a variety of platforms. Since the API requests and responses in the InterWorx API follow current standards, any programming language with the appropriate library support can be used.

SOAP WSDL Point of Contact

```
https://%%SERVERNAME%%:2443/soap?wsdl
```

XMLRPC Point of Contact

```
https://%%SERVERNAME%%:2443/xmlrpc
```

where %%SERVERNAME%% is the IP or Hostname of the InterWorx server.

The Two API's

The API is divided into 2 parts just like panel. There is the NodeWorx API which allows you to perform server administration tasks and manage resellers or SiteWorx accounts just like you would in NodeWorx and there's also a SiteWorx API which pertains to a specific SiteWorx account and allows you to perform tasks related to that SiteWorx account. For example to edit a SiteWorx account's usage quota you'd use the NodeWorx API but to add a new e-mail account you'd use the SiteWorx API.

Authentication

There are three ways to authenticate with the API. The easiest way is to use the e-mail and password of a NodeWorx user and you will be able to perform the actions that the user is permitted to make. You can also use the reseller's NodeWorx API key. The reseller system is explained in more detail in the Reseller System Guide. This is often preferred because often users lose or change their passwords which would break integration. The API key, on the other hand, will only change if perhaps it is compromised or the NodeWorx reseller wants to discontinue allowing

access to a 3rd party application. Lastly, you can use the session ID which might be preferable in instances where the user clicks a button in a plugin and their session ID is passed to your application to provide temporary access to their panel's functions.

The one thing to remember, though, is when using the SiteWorx API, you must specify a domain to work on or the API won't know which SiteWorx account you are referring to.

Chapter 2

Using the API

2.1 PHP Example Usage

The first thing we need to worry about is creating our authentication array object. As stated in the overview, we have 3 options: Username and Password combo, API key, and session ID.

2.1.1 Authenticating via Username and Password

For the username and password, we just need create an associative array with `email` and `password` as keys for a NodeWorx API login.

```
$key = array( 'email' => 'nodeworxlogin@example.com',  
            'password' => 'nodeworxpass');
```

Alternatively if we are authenticating with the SiteWorx API, we will need to specify a domain.

```
$key = array( 'email'    => 'siteworx@siteworx.com',  
            'password' => 'siteworxpass',  
            'domain'   => 'example.com');
```

This is one of the more basic ways to log in. The caveat is that if the user's password is changed, your code will stop being able to authenticate with the API.

2.1.2 Authenticating via an API key

Each reseller account can create an API key as well, and use that to login, rather than use the e-mail/password combination.

```
<?php  
// NodeWorx  
$key =  
'-----BEGIN INTERWORX API KEY-----'  
...  
'-----END INTERWORX API KEY-----';  
  
// SiteWorx  
$key =  
array( 'domain' => %%YOURDOMAIN%%,  
      'apikey' => '-----BEGIN INTERWORX API KEY-----.....');
```

2.1.3 Examples API call using XMLRPC and SOAP, in PHP

```

$key = array( 'email'    => 'nodeworxlogin@example.com',
             'password' => 'nodeworxpass' );

$api_controller = '/nodeworx/users';
$action         = 'add';

// Be aware that even actions that require no input still require the parameter
// Just pass in an empty array
$input = array( 'nickname'    => 'Example User',
              'email'        => 'exampleuser@example.com',
              'language'    => 'en-us',
              'theme'       => 'interworx',
              'password'    => 'pass',
              'confirm_password' => 'pass',
              'perms'       => array( 'LOGIN', 'SWACCOUNTS' ) );

$params = array( 'apikey'    => $key,
                'ctrl_name' => $api_controller,
                'action'    => $action,
                'input'     => $input );

// You can connect using XMLRPC, like this:
// NOTE: You'll need to have included the Zend Framework to do this
$client = new Zend_XmlRpc_Client( 'https://%%SERVERNAME%%:2443/xmlrpc' );
$result = $client->call( 'iworx.route', $params );

// Or, you can use SOAP, like this:
// NOTE: if SOAP is missing, try 'yum install php-soap'
$client = new SoapClient( 'https://%%SERVERNAME%%:2443/soap?wsdl' );
$result = $client->route( $key, $api_controller, $action, $input );

```

2.2 Perl Example Usage

```

#!/usr/bin/perl -w

#You must install the RPC::XML perl module.
require RPC::XML;
require RPC::XML::Client;

# This is the connection to the XMLRPC service to communicate with the API
$client = RPC::XML::Client->new( 'https://%%SERVERNAME%%:2443/xmlrpc' );

#This is the API key struct, pass authentication information here.
$apikey = RPC::XML::struct->new( {
    'email' => RPC::XML::string->new( 'siteworx@siteworx.com' ),
    'password' => RPC::XML::string->new( 'yourpassword' ),
    'domain' =>RPC::XML::string->new( '%%YOURDOMAIN%%' )
});

```

```

#This is the API controller
$ctrl_name = RPC::XML::string->new('/siteworx/email/alias');

#This is the API Action
$action = RPC::XML::string->new('add');

#This is how you pass the input, in a struct.
$input = RPC::XML::struct->new({
    'username' => RPC::XML::string->new('example'),
    'forwardsto' => RPC::XML::string->new('someone@somewhere.com')
});

#This generates a pointer to an RPC::XML::struct object, which contains
# the API's output
#Be aware that even actions that require no input still require the parameter
#Just pass in an empty array
my $resp = $cli->send_request('iworx.route',
                             $apikey,
                             $ctrl_name,
                             $action,
                             $input);

#value() gives a pointer to a native PERL hash table. This will contain
# the "status" and "payload" keys if the XMLRPC communication with the
# API was successful. If there was a problem and you sent bad data to
# the API, they keys will be "faultString" and "faultCode". You may
# want to do some error checking here.
my $results = $resp->value();

#This assumes that we communicated properly with the API, and got a valid
#response from it.
#We check the key "status". If it's 0, the add alias worked out!
if ($results->{status} == 0){
    print "Success!\n";
} else {
    print "Failure!\n";
}

#This is here to print out the payload. The payload can be delivered in an
#array or as a string, depending which controller/action you are using.
if (ref($results->{payload}) eq 'ARRAY') {
    print "Payload is an array.\n";
    my @payload = @{$results->{payload}};
    foreach (@payload)
    {
        my @key = @$_;
        print "@key" . "\n";
    }
} else {
    print "Payload is a string.\n";
    print $results->{payload};
}

```

Part II

NodeWorx API Spec

Chapter 3

Controller: /nodeworx/apikey

Required Permissions "APIKEY"

Action: *delete*

Added in version 4.7.0-339

Description Delete API Key.

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *generate*

Added in version 4.7.0-339

Description Generates a new API Key.

Action: *listApikey*

Added in version 4.7.0-339

Description List the installed API Key.

Sample output

```
array (
  'status' => 0,
  'payload' => '-----BEGIN INTERWORX API KEY-----
MXXfdz1vSjFjZnBfYUkhRVkwM18+cEFSZS1mLGplI Wp2fUZDRD88e01ET20o
qUm1z21lVa2hSVmt3TWw4K2NFR1WaUzVtEdwEbE1XcdJmVVPeUkQ4OGVEb5V
LUJ+S21WUms1TXEzT1pLmgJrTy440zQuVjBRrnFFb2RmVM9c2pMQkhXsk9F
wWxpjcEpYtkVMVF6TURVZk1eTm9SRkjrVwsw0UusyMT1SU3M2VERKMVPFNHN
V2RRk1k+VGVV01NwdWxkdc1b1jwqU3o101k4X1EkYmFKL1ZzdZojbJrJLlUhs
WT210d2RXeGtKQzF1Sm13cVUzBzVpBg0VGxFalltRktMaVp6ZHPvAmJqUms
hGeXJFbzpWY4kFVpnrTV2a012YrV0VhJGDstUUxonWw1TMQpEdINGMJdkWw
GskdNbEpUeRVRk11TFrsTmJVVWJl1bk16ZDKc1Rfc3BXMHBB81dZM1AXVkh
M110NEcwQ0p1K2o+1XBzaThkFVnMm1eQlh+NEJNP1ludT9SK3R0ITZqjM9
sSzJvK01YQnphVgHLZ1Z0dE1tMwVrbGgrTkVKT1BpHvKVD1TSzNSMELUWnF
REFYMi17Vz0qVWE1VzVn3V9jSgqW48Y11eWz9zZw48UndSKJ9RUlhoENR
xVldFMVZ6Vk1M1Y1S1NncvDENDhZMTV1V3o1Q1pXNDhVbMRTS2o1U1VsaG9
MXXfdz1vSjFjZnBfYUkhRVkwM18+cEFSZS1mLGplI Wp2fUZDRD88e01ET20o
hFeqtZWhkTprGVUUh3cYJmCzVlUx82VKhXVIZFR1U1TPVzMWp2bxsEeJtmYU
akZob21GXT1TTVc+cz1112F9K1dzfWpJRRNdK82JUkcZj1BZwQqam8j0!N2
UVFZjK2N6bGxJmKY1S2xkQ2ZXc0pSV1J0ZGs4MkpVa29aamxzWldrCvPTOGp
SNU0cjinNzB4eF1ULHhpMOpUeGFRRHNqKzNzZs/Xm42SHZ1eOhKUnA8d01+
+10d8AnUKh0e1ZHS24mX/szZzNzKqNRRHFGeUpOMphHLU1Fe4BzNn1jc0UnS
aJRDTTgtUkFpZGI0cHtJP19p2z1QK1tbAeKckntkeSP20XY8ajB1RwXhr1gu
wWkdJMGNIdePQNT1WnnoxUUtSdgJhV0VrY210a2VTRnpPWFk4YVpzBFJXeGh
BjhR211Sm1w1tqbmJmZXRPPjk2AU2s0YSNKf1FW3NaVHUsbzoyZ1ZxWFBZ
JvZFOcJtSm1aWfJQSmTAQVUycBZU3R0SOYXRlczTmFVSVFzYnVpeVoxWnh
lWUXQ19wbnV+WW1ZPFQ0W1Ehb18oLnMxmErCnhkRDU1PXfve0A9V01X0Xoo
rV1c1w1B8UTBXNUVoyjE4b0xuTnrYbUVyY21oalJEVWxzQEZ2Z2TBB0VYwbFh
```

```

wWxpjcEpYTkVMVVF6TURWZk1ETm9SRkjrVwsw0UusyMT1SU3M2VERKMVpFNHN
sVFhFe1QxcExNR0pyVHk0NE9DUXVWakJSUm1GRmIyUmFNWk01YzJwTVFraFh
Wmx+PpPMX4+Q09bM1FQEtUuzcjYzc=
-----END INTERWORX API KEY-----',
)

```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 4

Controller: /nodeworx/backup

Required Permissions "BRESTORE"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *fullbackup*

Added in version 4.8.0-393

Description Creates a full backup for the specified domains.

Input Parameters

Name	Type	Notes	Required?
domains	struct (string)	Example Values example.com	Yes
email	string	Help Entry Check the box and enter a valid email address here to be notified by email once the backup of the selected SiteWorx accounts has completed.	No

Action: *queryAccounts*

Added in version 4.8.0-393

Description Query the backups based on the selected reseller.

Input Parameters

Name	Type	Notes	Required?
reseller	string	Example Values all, 1, 16	Yes

Action: *queryBackups*

Added in version 4.8.0-393

Description Get a list of backups given a domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *restore*

Added in version 4.7.0-339

Description Restore a given backup (local).

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
file	string	Example Values example.com+partial-Jul.11.2018-15.29.49.tgz, example.com+full-Jul.11.2018-15.29.08.tgz	Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *structureonly*

Added in version 4.8.0-393

Description Creates a structure only backup for the specified domains.

Input Parameters

Name	Type	Notes	Required?
domains	struct (string)	Example Values example.com	Yes
email	string	Help Entry Check the box and enter a valid email address here to be notified by email once the backup of the selected SiteWorx accounts has completed.	No

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 5

Controller: /nodeworx/cluster

Required Permissions "CLUSTERING"

Action: *enableIPv6LoadBalancing*

Added in version 5.0.14-579

Description Enable IPv6 load-balancing.

Input Parameters

Name	Type	Notes	Required?
ipv4s	struct (string)		No*
ipv6s	struct (string)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *externalLb*

Added in version 5.1.50-1292

Description Set external load balancer mode on/off (beta).

Input Parameters

Name	Type	Notes	Required?
external_lb	integer	Help Entry InterWorx runs a LVS load balancer on the cluster manager server. This can be replaced with an external load balancer configuration, but must be configured and managed outside of InterWorx. This is required if the network environment does not support LVS load balancing. This mode is currently considered BETA software. Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listLoadBalancingIPv6Options*

Added in version 5.0.14-579

Description Lists IPv6s suitable for load balancing.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => '2001:db8::d:1101',
      1 => '2001:db8::d:1102',
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 6

Controller: /nodeworx/cluster/lb

Required Permissions "CLUSTERING"

Action: *addService*

Added in version 4.7.0-339

Description Add load balancing to a service.

Input Parameters

Name	Type	Notes	Required?
service_port	integer	Example Values 80, 443, 25, 587, 110, 995, 143, 993	Yes
virtual_ip	string	Help Entry A virtual IP will be shared and load-balanced among your cluster according to policies set here. Load-balancing IPv6 addresses requires Linux kernel >= 2.6.28-rc3 and ipvsadm >= 1.25. Both are provided by default in RHEL 6 and CentOS 6. Example Values 0.0.0.0, ::, 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101	Yes
policy	string	Example Values rr, wrr, lc, wlc, lbic	Yes
persistent	integer	Example Values 0, 300, 1800, 3600 Example Default Value 300	Yes
weight_apidoc.interworage.com	integer	Example Values 0, 1 Example Default Value 1	No*

weight_node1.testing	integer	Example Values 0, 1 Example Default Value 1	No*
----------------------	---------	--	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *deleteService*

Added in version 4.7.0-339

Description Delete loadbalancing of a service.

Input Parameters

Name	Type	Notes	Required?
services	struct (string)	Example Values 10.1.15.100:80, 10.1.15.101:80, 10.1.15.102:80, 10.1.15.103:80, 10.1.15.104:80	Yes

Action: *editService*

Added in version 4.7.0-339

Description Edit a clustered service.

Input Parameters

Name	Type	Notes	Required?
service	string	Example Values 10.1.15.100:80, 10.1.15.101:80, 10.1.15.102:80, 10.1.15.103:80, 10.1.15.104:80	Yes
policy	string	Example Values rr, wr, lc, wlc, lbic Example Default Value rr	No*
persistent	integer	Example Values 0, 300, 1800, 3600 Example Default Value 300	No*
weight_apidoc.inter	integer	Example Default Value 1	No*
weight_node1.testing	integer	Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** 4.7.0-339**Description** Magic function - test for failure mechanism.**Action: *isRunning*****Added in version** 4.7.0-339**Description** Checks if the service is running or not.**Sample output**

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode***Added in version** 4.7.0-339**Description** Checks if the service is running on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listCurrentLoadBalancerStatus***Added in version** 4.7.0-339**Description** Lists the current load balancer status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      '10.1.15.100:80' =>
        array (
          'info' =>
            array (
              'protocol' => 'TCP',
              'vip' => '10.1.15.100',
              'port' => '80',
              'pport' => 'http',
              'policy' => 'rr',
              'ppolicy' => '##LG_ROUND_ROBIN##',
              'persistent' => '300',
            ),
          'realservers' =>
            array (
              '10.1.1.23:80' =>
                array (
                  'vip' => '10.1.1.23',
                  'port' => '80',
                  'forward' => 'Route',
                  'weight' => '0',
                  'active' => '0',
                  'inactive' => '0',
                ),
              '10.1.15.200:80' =>
                array (
                  'vip' => '10.1.15.200',
                  'port' => '80',
                  'forward' => 'Local',
                  'weight' => '1',
                  'active' => '0',
                ),
            ),
          ),
        ),
    ),
)
```

```

        'inactive' => '0',
    ),
),
'10.1.15.101:80' =>
array (
    'info' =>
    array (
        'protocol' => 'TCP',
        'vip' => '10.1.15.101',
        'port' => '80',
        'pport' => 'http',
        'policy' => 'rr',
        'ppolicy' => '##LG_ROUND_ROBIN##',
        'persistent' => '300',
    ),
    'realservers' =>
    array (
        '10.1.1.23:80' =>
        array (
            'vip' => '10.1.1.23',
            'port' => '80',
            'forward' => 'Route',
            'weight' => '0',
            'active' => '0',
            'inactive' => '0',
        ),
        '10.1.15.200:80' =>
        array (
            'vip' => '10.1.15.200',
            'port' => '80',
            'forward' => 'Local',
            'weight' => '1',
            'active' => '0',
            'inactive' => '0',
        ),
    ),
),
),
'10.1.15.102:80' =>
array (
    'info' =>
    array (
        'protocol' => 'TCP',
        'vip' => '10.1.15.102',
        'port' => '80',
        'pport' => 'http',
        'policy' => 'rr',
        'ppolicy' => '##LG_ROUND_ROBIN##',
        'persistent' => '300',
    ),
    'realservers' =>
    array (
        '10.1.1.23:80' =>
        array (
            'vip' => '10.1.1.23',
            'port' => '80',
            'forward' => 'Route',
            'weight' => '0',
            'active' => '0',
            'inactive' => '0',
        ),
        '10.1.15.200:80' =>
        array (
            'vip' => '10.1.15.200',
            'port' => '80',
            'forward' => 'Local',
            'weight' => '1',
            'active' => '0',
            'inactive' => '0',
        ),
    ),
),
),
'10.1.15.103:80' =>
array (
    'info' =>
    array (
        'protocol' => 'TCP',
        'vip' => '10.1.15.103',
        'port' => '80',
        'pport' => 'http',
        'policy' => 'rr',
        'ppolicy' => '##LG_ROUND_ROBIN##',
        'persistent' => '300',
    ),
    'realservers' =>
    array (
        '10.1.1.23:80' =>
        array (
            'vip' => '10.1.1.23',
            'port' => '80',
            'forward' => 'Route',
            'weight' => '0',
            'active' => '0',
            'inactive' => '0',
        ),
        '10.1.15.200:80' =>
        array (
            'vip' => '10.1.15.200',
            'port' => '80',
            'forward' => 'Local',
            'weight' => '1',
            'active' => '0',
            'inactive' => '0',
        ),
    ),
),
),
'10.1.15.104:80' =>

```

```

array (
  'info' =>
    array (
      'protocol' => 'TCP',
      'vip' => '10.1.15.104',
      'port' => '80',
      'pport' => 'http',
      'policy' => 'rr',
      'ppolicy' => '##LG_ROUND_ROBIN##',
      'persistent' => '300',
    ),
  'realservers' =>
    array (
      '10.1.1.23:80' =>
        array (
          'vip' => '10.1.1.23',
          'port' => '80',
          'forward' => 'Route',
          'weight' => '0',
          'active' => '0',
          'inactive' => '0',
        ),
      '10.1.15.200:80' =>
        array (
          'vip' => '10.1.15.200',
          'port' => '80',
          'forward' => 'Local',
          'weight' => '1',
          'active' => '0',
          'inactive' => '0',
        ),
    ),
),
),
),
)

```

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```

array (
  'status' => 0,
  'payload' => '##LG_LOAD_BALANCER##',
)

```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```

array (
  'status' => 0,
  'payload' => '##LG_NOT_APPLICABLE##',
)

```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 => '##LG_NOT_APPLICABLE##',
    ),
)

```

Action: *listRequiredPermissions***Added in version** 4.7.0-339**Description** Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'CLUSTERING',
    ),
)
```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'ipvsadm',
      'name' => '##LG_LOAD_BALANCER##',
      'ports' => '##LG_NOT_APPLICABLE##',
      'page' => '/nodeworx/cluster/lb',
      'ctrl' => '/nodeworx/cluster/lb',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'ipvsadm',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/cluster/lb',
)
```

Action: *queryEditService***Added in version** 5.1.0-838**Description** Displays the information available to the action "editService".**Input Parameters**

Name	Type	Notes	Required?
service	string	Example Values 10.1.15.100:80, 10.1.15.101:80, 10.1.15.102:80, 10.1.15.103:80, 10.1.15.104:80	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'service_copy' => '10.1.15.100:80',
    'policy' => 'rr',
    'persistent' => '300',
    'service' => '10.1.15.100:80',
    'port' => '80',
    'vip' => '10.1.15.100',
    'nodes' =>
    array (
      'apidoc.interworx.com' => '1',
      'node1.testing.com' => '0',
    ),
  ),
)
```

Action: *querySettings*

Added in version 5.1.0-838

Description Displays the information available to the action "settings".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'emailalert' => '',
    'emailalertstatus' =>
    array (
    ),
  ),
)
```

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Action: *restartOnNode*****Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *settings***Added in version** 4.7.0-339**Description** Modify ldirectord variables.**Input Parameters**

Name	Type	Notes	Required?
emailalert	string	Help Entry E-mail address that will receive status changes.	No
emailalertstatus	struct (string)	Help Entry Which status changes should be sent out as alerts. Example Values starting, running, stopping, reloading	No

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Action: *startOnBoot*****Added in version** 4.7.0-339**Description** Set the loadbalancer start on boot status.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

startonboot	integer	Help Entry If set to 'Yes', the Load Balancer will be automatically started when the server starts up Example Values 1, 0 Example Default Value 1	No*
-------------	---------	---	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 7

Controller: /nodeworx/cluster/nodes

Required Permissions "CLUSTERING"

Action: *add*

Added in version 4.7.0-339

Description Add a cluster node.

Input Parameters

Name	Type	Notes	Required?
hostname	string	Help Entry The hostname or IP address of the node you would like to add to this cluster.	Yes
ipv4	string		Yes
ipv6	string		Yes
packet_forwarding_method	string	Help Entry The packet forwarding method is the method of load balancing that the system will use to load balance requests to the cluster node. Example Values LVS-DR, LVS-TUN Example Default Value LVS-DR	No*
apikey	string	Help Entry The InterWorx API key from the node which you would like to add. This must be retrieved from the node's NodeWorx instance.	Yes
test	integer	Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete a cluster node.

Input Parameters

Name	Type	Notes	Required?
nodes	struct (string)	Example Values node1.testing.com	Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *forceDelete*

Added in version 4.8.0-393

Description Force deletion of a cluster node, even if the cluster manager cannot reach it.

Input Parameters

Name	Type	Notes	Required?
nodes	struct (string)	Example Values node1.testing.com	Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listClusterNodes*

Added in version 4.8.0-393

Description List cluster nodes.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'hostname' => 'apidoc.interworx.com',
          'ipaddr' => '10.1.15.200',
          'ipv6' => '2001:db8::d:1102',
          'role' => '##LG_LOAD_BALANCER## / ##LG_CLUSTER_MANAGER##',
          'status' => 'active',
          'packet_forwarding_method' => 'LVS-DR',
          'activation_complete' => 'yes',
          'activation_details' => '',
          'inprogress' => 100,
        ),
      1 =>
        array (
          'node_id' => '1',
```

```

'hostname' => 'node1.testing.com',
'ipaddr' => '10.1.1.23',
'ipv6' => NULL,
'status' => 'active',
'activation_complete' => 'yes',
'packet_forwarding_method' => 'LVS-DR',
'inprogress' => 100,
'activation_details' => '',
'role' => '##LG_REAL_SERVER##',
),
),
)

```

Action: *queryHostIps*

Added in version 5.0.14-579

Description Resolves IPv4 and IPv6 address of a hostname.**Input Parameters**

Name	Type	Notes	Required?
hostname	string		Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtmp, MailSmtmp2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 8

Controller: /nodeworx/command/queue

Required Permissions "CLUSTERING"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => false,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_COMMAND_QUEUE##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => 'N/A',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'N/A',
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'CLUSTERING',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'lworx-queue-d',
      'name' => '##LG_COMMAND_QUEUE##',
      'ports' => 'N/A',
      'page' => '/nodeworx/command/queue',
      'ctrl' => '/nodeworx/command/queue',
      'is_running' => 0,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'iworx-queue-d',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/command/queue',
)
```

Action: *queryCommandHistory***Added in version** 4.7.0-339**Description** View history of the command queue.**Input Parameters**

Name	Type	Notes	Required?
count	integer	Example Default Value 20	No*
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *queryQueuedCommands***Added in version** 4.7.0-339**Description** Query the command queue on a node.**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *reroute***Added in version** 4.7.0-339

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart*

Added in version 4.7.0-339

Description Restarts the service.

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 9

Controller: /nodeworx/cron

Required Permissions "CRON"

Action: *add*

Added in version 4.7.0-339

Description Add a job to a user's crontab.

Input Parameters

Name	Type	Notes	Required?
interface	string	Example Values simple, advanced Example Default Value simple	Yes
user	string	Example Values axfrdns, example, iworx, nfsnobody, root	Yes
minute	struct (string)	Example Values *, */2, */5, */10, */15, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, ... Example Default Value ["*"]	No*
hour	struct (string)	Example Values *, */2, */4, */6, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 Example Default Value ["*"]	No*
day	struct (string)	Example Values *, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 Example Default Value ["*"]	No*

month	struct (string)	Example Values *, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Example Default Value ["*"]	No*
dayofweek	struct (string)	Example Values *, 0, 1, 2, 3, 4, 5, 6 Example Default Value ["*"]	No*
script	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *edit*

Added in version 4.7.0-339

Description Edit a cronjob on a user's crontab.

Input Parameters

Name	Type	Notes	Required?
enabled	integer	Example Values 1, 0 Example Default Value 1	No*
minute	string	Example Default Value 28,33,38,43,48,53,58,3,8,13,18,23	No*
hour	string	Example Default Value *	No*
day	string	Example Default Value *	No*
month	string	Example Default Value *	No*
dayofweek	string	Example Default Value *	No*
script	string	Example Default Value cd /home/interworx/cron ; ./iworx.pex -fively	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *getCurrentSystemTime*

Added in version 6.1.19-1483

Description Get current system time in RFC822 format.**Action: *options***

Added in version 4.7.0-339

Description Manage options for cron users.**Input Parameters**

Name	Type	Notes	Required?
user	string	Example Values axfrdns, example, iworx, nfsnobody, root	Yes
shell	string	Help Entry Use the dropdown to choose the shell to run the cron job on. Example Values /bin/sh, /bin/bash, /sbin/nologin, /bin/dash, /usr/sbin/jk_chrootsh	No*
path	struct (string)	Help Entry The path contains the directories which will be in the search path for cron.	No
mailto	string	Help Entry Enter an email address to be notified of the output of each cron job.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".**Input Parameters**

Name	Type	Notes	Required?
job	integer	Example Values 3, 4, 5, 6, 7, 8, 9, 10	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'systemtime' => 'Wed, 11 Jul 18 15:39:22 -0400',
    'enabled' => '1',
    'minute' => '28,33,38,43,48,53,58,3,8,13,18,23',
    'hour' => '*',
    'day' => '*',
    'month' => '*',
    'dayofweek' => '*',
    'script' => 'cd /home/interworx/cron ; ./iworx.pex --fively',
    'user' => 'iworx',
```

```

    'job' => '3',
  ),
)

```

Action: *queryJobs*

Added in version 4.8.0-393

Description List user jobs.

Input Parameters

Name	Type	Notes	Required?
user	string	Example Values axfrdns, example, iworx, nfsnobody, root	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 10

Controller: /nodeworx/dns

Required Permissions "DNS"

Action: *defaultServers*

Added in version 4.7.0-339

Description Set the default nameserver (NS) records for new domains.

Input Parameters

Name	Type	Notes	Required?
ns1	string	Help Entry The first nameserver to be used for requesting zone data for a given zone. For redundancy, a second (though equally authoritative) nameserver is required. Example Default Value ns1.interworx.com	No*
ns2	string	Help Entry The second nameserver to be used for requesting zone data for a given zone. An optional (equally authoritative) third nameserver can be provided for additional redundancy. Example Default Value ns2.interworx.com	No*
ns3	string	Help Entry Similar to the secondary nameserver, but it is only used if the primary and secondary server fail.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *export*

Added in version 4.10.0-440

Description Updates the DNS records from the database.

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *flush*

Added in version 4.8.0-393

Description DNS flush service action.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102, 127.0.0.1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *install*

Added in version 4.8.3-414

Description Installs a DNS server on IPs that don't have one.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.200, fe80::fcb5:65ff:fe2a:a05	No

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listDnsServices***Added in version** 4.8.0-393**Description** Lists information about DNS Services running.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'ip' => '127.0.0.1',
          'status' => 'up',
          'type' => 'recursive',
        ),
      1 =>
        array (
          'ip' => '10.1.15.100',
          'status' => 'up',
          'type' => 'iterative',
        ),
      2 =>
        array (
          'ip' => '10.1.15.101',
          'status' => 'up',
          'type' => 'iterative',
        ),
    ),
)

```

Action: *listGeneralName***Added in version** 4.7.0-339**Description** Lists the "normal" name - ie "web server" instead of "httpd".**Sample output**

```

array (
  'status' => 0,
  'payload' => '##LG_DNS_SERVER##',
)

```

Action: *listPortNumbers***Added in version** 4.7.0-339**Description** Lists a string of the port numbers that this service uses, comma-separated.**Sample output**

```

array (
  'status' => 0,
  'payload' => '53',
)

```

Action: *listPortNumbersArray***Added in version** 4.7.0-339**Description** Lists array of port numbers and ranges that this service uses.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 => 53,
    ),
)

```

Action: *listRequiredPermissions***Added in version** 4.7.0-339**Description** Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'DNS',
    ),
)
```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'djbdns',
      'name' => '##LG_DNS_SERVER##',
      'ports' => '53',
      'page' => '/nodeworx/dns',
      'ctrl' => '/nodeworx/dns',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'djbdns',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/dns',
)
```

Action: *listServiceStatus***Added in version** 4.7.0-339**Description** Lists information about DNS Services running.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
    array (
      '10.1.15.100' =>
        array (
          'ip' => '10.1.15.100',
          'status' => 'up',
          'mapped' => true,
          'on_system' => true,
        ),
      '10.1.15.101' =>
        array (
          'ip' => '10.1.15.101',
          'status' => 'up',
          'mapped' => true,
          'on_system' => true,
        ),
      '10.1.15.102' =>
        array (
          'ip' => '10.1.15.102',
          'status' => 'up',
          'mapped' => true,
          'on_system' => true,
        ),
      '10.1.15.103' =>
        array (
          'ip' => '10.1.15.103',
          'status' => 'up',
          'mapped' => true,
          'on_system' => true,
        ),
      '10.1.15.104' =>
        array (
          'ip' => '10.1.15.104',
          'status' => 'up',
          'mapped' => true,
          'on_system' => true,
        ),
      '2001:db8::d:1101' =>
        array (
          'ip' => '2001:db8::d:1101',
          'status' => 'up',
          'mapped' => true,
          'on_system' => true,
        ),
    ),
)

```

Action: *listUnmappedIps***Added in version** 4.8.3-414**Description** Lists information about IPs that do not have DNS running.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'ip' => '10.1.15.200',
        ),
      1 =>
        array (
          'ip' => 'fe80::fcb5:65ff:fe2a:a05',
        ),
    ),
)

```

Action: *queryDefaultServers***Added in version** 5.1.0-838**Description** Displays the information available to the action "defaultServers".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'ns1' => 'ns1.interworx.com',
      'ns2' => 'ns2.interworx.com',
      'ns3' => '',
    ),
)
```

Action: *querySetSoaSerialFormat***Added in version** 5.1.0-838**Description** Displays the information available to the action "setSoaSerialFormat".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'mode' => 'unix',
      'update_all_zones' => NULL,
    ),
)
```

Action: *queryZoneDefaults***Added in version** 5.1.0-838**Description** Displays the information available to the action "zoneDefaults".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'refresh' => '7200',
      'retry' => '300',
      'expire' => '1209600',
      'negative_ttl' => '10800',
      'enforce_rfc1912_cname' => '1',
    ),
)
```

Action: *remove***Added in version** 4.8.0-393**Description** DNS remove service action.**Input Parameters**

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** DNS restart service action.**Input Parameters**

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102, 127.0.0.1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *setSoaSerialFormat***Added in version** 4.8.0-393**Description** Set the DNS SOA Serial Format.**Input Parameters**

Name	Type	Notes	Required?
mode	string	Example Values unix, ymd Example Default Value unix	No*
update_all_zones	integer	Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description DNS start service action.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102, 127.0.0.1	No

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description DNS stop service action.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102, 127.0.0.1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Action: *zoneDefaults*

Added in version 4.7.0-339

Description Update the default dns zone settings.

Input Parameters

Name	Type	Notes	Required?
refresh	integer	<p>Description In Seconds</p> <p>Help Entry Sets the number of seconds that a slave will cache the record before re-checking the primary server. Recommended values are between 1200 (twenty minutes) and 43200 (twelve hours).</p> <p>Example Default Value 7200</p>	No*
retry	integer	<p>Description In Seconds</p> <p>Help Entry Set the number of seconds to retry a refresh after the previous refresh attempt fails. Recommended values are between 180 (three minutes) and 900 (fifteen minutes).</p> <p>Example Default Value 300</p>	No*
expire	integer	<p>Description In Seconds</p> <p>Help Entry Set the number of seconds for refresh and retry attempts before the server will stop serving the zone. Per RFC 1912, recommended values are between 1209600 (two weeks) and 2419200 (four weeks). This value is only used by slave servers.</p> <p>Example Default Value 1209600</p>	No*

negative_ttl	integer	<p>Description In Seconds</p> <p>Help Entry Time in seconds for negative answers (NXDOMAIN) from this zone. This field was redefined in 1998 by RFC2308. Suggested values are between 3600 (one hour) and 10800 (three hours). Values higher than 86400 (twenty-four hours) should be avoided.</p> <p>Example Default Value 10800</p>	No*
enforce_rfc1912_chain	integer	<p>Help Entry RFC1912 states "A CNAME record is not allowed to coexist with any other data." In certain circumstances, you MAY want to relax this restriction if you understand the ramifications.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

* indicates that it's actually required, but probably already has a valid default value

Chapter 11

Controller: /nodeworx/dns/record

Required Permissions "DNS"

Action: *add*

Added in version 4.7.0-339

Description Add a DNS record.

Warning This action has been deprecated as of version 4.8.0-393. 2011-02-23 Use the individual add(record-type) functions instead.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string		Yes
type	string	Example Values A, CNAME, NS, MX, PTR, TXT, SOA, SPF, SRV, AAAA, NAPTR, CAA	Yes
target	string		Yes
ttl	integer	Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information.	Yes

Action: *addA*

Added in version 4.7.0-339

Description Add an A record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*

ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
ipaddress	string	Help Entry ####	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addAAAA*

Added in version 4.8.0-393

Description Add an AAAA record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
ipaddress	string	Help Entry ####	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addCAA*

Added in version 6.0.8-1363

Description Add a CAA record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
domain	string	Example Default Value {domain}	No*

ttl	integer	<p>Description In Seconds</p> <p>Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information.</p> <p>Example Default Value 43200</p>	No*
flags	integer	<p>Help Entry Issuer Critical Flag: If the "flags" value is set to '1', the critical flag is asserted and the property MUST be understood if the CAA record is to be correctly processed by a certificate issuer. A Certification Authority MUST NOT issue certificates for any Domain that contains a CAA critical property for an unknown or unsupported property tag that for which the issuer critical flag is set. See: RFC6844</p> <p>Example Values 0, 128</p> <p>Example Default Value 0</p>	No*
tag	string	<p>Help Entry Property tags define the meaning of the CAA record. Three are currently supported, but more may be added in the future. issue: This tag is used to allow/disallow the Certificate Authority to issue certificates for the domain, including wildcard certificates. issuewild: This tag is used to allow/disallow wildcard certificates issuance for the domain. iodef: This tag specifies a method for CAs to report to the domain holder when a certificate is issued. Not all CAs support this tag, so there is no guarantee that all certificate issuances will be reported.</p> <p>Example Values issue, issuewild, iodef</p> <p>Example Default Value issue</p>	No*
issue	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p>	No
issuewild	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p>	No

iodef	string	Help Entry Enter an email address or url to receive IODEF incident reports. See [RFC6546] for more information regarding url reporting.	No
-------	--------	---	----

* indicates that it's actually required, but probably already has a valid default value

Action: *addCNAME*

Added in version 4.8.0-393

Description Add a CNAME record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
alias	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addMX*

Added in version 4.8.0-393

Description Add an MX record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*

preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records should be attempted. Lower numbers will be processed before higher ones.	Yes
mail_server	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: addNAPTR

Added in version 4.8.0-393

Description Add an NAPTR record to a zone.**Input Parameters**

Name	Type	Notes	Required?
zone_id	integer		Yes
domain	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
order	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records MUST be processed by a client. Lower numbers will be processed before higher ones. Once a client has matched a record, that client will stop looking for records with a higher order. Example Default Value 10	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records SHOULD be processed by a client. Lower numbers will be processed before higher ones. Once a client has matched a record, that client may consider records with a higher Preference. This is similar to the preference of an MX record. Example Default Value 100	No*
flag	string	Example Values S, A, U, P	Yes
service	string		No
regex	string		No

replacement	string	Help Entry The next name to query for additional records. This must be a Fully Qualified Domain Name (FQDN).	No
-------------	--------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *addNS*

Added in version 4.8.0-393

Description Add an NS record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
nameserver	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addPTR*

Added in version 4.8.0-393

Description Add a PTR record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
ip_data	string	Help Entry The IP Data for a PTR record can be entered in several formats. <ul style="list-style-type: none">Normal IPv4 - 1.2.3.4Normal IPv6 - beef::12feHostname - 4.3.2.1.in-addr.arpaRFC4183-style - 4.3/29.2.1.in-addr.arpa	No*

ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
domain	string	Example Default Value {domain}	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *addSOA*

Added in version 4.8.0-393

Description Add an SOA record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
nameserver	string	Help Entry Enter the primary nameserver of your domain. This will almost always be handled automatically for you when creating SiteWorx accounts, and you are urged to only alter this value if you know what you are doing. This nameserver is listed on your SOA record for this domain, and setting it to an incorrect value could cause your site or any of your DNS records not to function properly.	Yes
email	string	Help Entry This is the e-mail address listed on your SOA record. Enter it as a normal e-mail address (user@domain.com) and not in the typical SOA style of (user.domain.com).	Yes
refresh	integer	Description In Seconds Help Entry Sets the number of seconds that a slave will cache the record before re-checking the primary server. Recommended values are between 1200 (twenty minutes) and 43200 (twelve hours).	Yes
retry	integer	Description In Seconds Help Entry Set the number of seconds to retry a refresh after the previous refresh attempt fails. Recommended values are between 180 (three minutes) and 900 (fifteen minutes).	Yes

expiration	integer	Description In Seconds Help Entry Set the number of seconds for refresh and retry attempts before the server will stop serving the zone. Per RFC 1912, recommended values are between 1209600 (two weeks) and 2419200 (four weeks). This value is only used by slave servers.	Yes
negative_ttl	integer	Description In Seconds Help Entry Time in seconds for negative answers (NXDOMAIN) from this zone. This field was redefined in 1998 by RFC2308. Suggested values are between 3600 (one hour) and 10800 (three hours). Values higher than 86400 (twenty-four hours) should be avoided.	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addSPF*

Added in version 4.8.0-393

Description Add an SPF record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
spf_record_value	string		No
spf_version	string	Example Values v=spf1, v=spf3 Example Default Value v=spf1	No*
use_a	integer	Description Should the IP(s) referenced in DNS A Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*

use_mx	integer	<p>Description Should the hostnames referenced in DNS MX Records for this domain be permitted to send mail?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
use_ptr	integer	<p>Description Should the PTR Records for the sender's IP be used to validate the sender's domain? NOT RECOMMENDED.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
other_servers	integer	<p>Description Do any other hostnames or IPs need to be authorized to send mail for this domain?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
mechanism_a	struct (string)	<p>Description If the domain name has an address record (A or AAAA) that can be resolved to the sender's address, it will match.</p>	No
mechanism_mx	struct (string)	<p>Description If the domain name has an MX record resolving to the sender's address, it will match (i.e. the mail comes from one of the domain's mail servers).</p>	No
mechanism_ip4	struct (string)	<p>Description If the sender is in a given IPv4 range, match.</p>	No
mechanism_ip6	struct (string)	<p>Description If the sender is in a given IPv6 range, match.</p>	No
mechanism_ptr	struct (string)	<p>Description If the domain name for the client's address is in the given domain and that domain name resolves to the client's address, match. Input may use macro-expansion. NOT RECOMMENDED.</p>	No
mechanism_exists	struct (string)	<p>Description If there is a valid A Record for the given domain, match. Input may use macro-expansion.</p>	No
mechanism_include	struct (string)	<p>Description Used to include the policies of another domain's SPF record. Similar to the 'Redirect' parameter.</p>	No

all	string	Description Defines how to respond if the record has produced no match. Example Values , -all, ~all, ?all, +all	No
redirect	string	Description Redirects verification to use the SPF record of the specified domain. This is useful, for example, if you send mail through your ISP's servers and they have defined an SPF record.	No
explanation	string	Description Defines a DNS name whose TXT Record may be returned along with failure messages. Rarely used, may not be universally supported.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *addSRV*

Added in version 4.8.0-393

Description Add an SRV record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
service	string	Help Entry The symbolic name of the desired service. For example, _sip, _ldap, etc.	Yes
protocol	string	Help Entry The name of the protocol with an underscore prepended to avoid collisions with other DNS records. "_TCP" and "_UDP" are the two most common values.	Yes
domain	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
priority	integer		Yes
weight	integer		Yes
port	integer		Yes
target	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addTXT*

Added in version 4.8.0-393

Description Add a TXT record to a zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
text	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete a DNS record.

Input Parameters

Name	Type	Notes	Required?
record_id	struct (integer)		Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit a DNS record.

Warning This action has been deprecated as of version 4.8.0-393. 2011-02-23 Use the individual edit(record-type) functions instead.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value {domain}	No*
type	string	Example Values A, CNAME, NS, MX, PTR, TXT, SOA, SPF, SRV, AAAA, NAPTR, CAA Example Default Value SOA	No*

target	string	Example Default Value {domain} testmaster@{domain} 7200 300 1209600 10800	No*
ttl	integer	Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editA*

Added in version 4.7.0-339

Description Edit an A record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
ipaddress	string	Help Entry #### Example Default Value {ipv4}	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editAAAA*

Added in version 4.8.0-393

Description Edit an AAAA record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value {domain}	No*

ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
ipaddress	string	Help Entry #### Example Default Value {ipv6}	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editCAA*

Added in version 6.0.8-1363

Description Edit a CAA record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
flags	integer	Help Entry Issuer Critical Flag: If the "flags" value is set to '1', the critical flag is asserted and the property MUST be understood if the CAA record is to be correctly processed by a certificate issuer. A Certification Authority MUST NOT issue certificates for any Domain that contains a CAA critical property for an unknown or unsupported property tag that for which the issuer critical flag is set. See: RFC6844 Example Values 0, 128 Example Default Value 0	No*

tag	string	<p>Help Entry Property tags define the meaning of the CAA record. Three are currently supported, but more may be added in the future.</p> <p>issue: This tag is used to allow/disallow the Certificate Authority to issue certificates for the domain, including wildcard certificates.</p> <p>issuewild: This tag is used to allow/disallow wildcard certificates issuance for the domain.</p> <p>iodef: This tag specifies a method for CAs to report to the domain holder when a certificate is issued. Not all CAs support this tag, so there is no guarantee that all certificate issuances will be reported.</p> <p>Example Values issue, issuewild, iodef</p> <p>Example Default Value issue</p>	No*
issue	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p> <p>Example Default Value ca.example.net</p>	No
issuewild	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p>	No
iodef	string	<p>Help Entry Enter an email address or url to receive IODEF incident reports. See https://tools.ietf.org/html/rfc6546 for more information regarding url reporting.</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *editCNAME*

Added in version 4.8.0-393

Description Edit a CNAME record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	<p>Example Default Value www.{domain}</p>	No*

ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
alias	string	Example Default Value {domain}	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editMX*

Added in version 4.8.0-393

Description Edit a MX record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records should be attempted. Lower numbers will be processed before higher ones. Example Default Value 10	No*
mail_server	string	Example Default Value mail.{domain}	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editNAPTR*

Added in version 4.8.0-393

Description Edit a NAPTR record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
order	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records MUST be processed by a client. Lower numbers will be processed before higher ones. Once a client has matched a record, that client will stop looking for records with a higher order. Example Default Value 10	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records SHOULD be processed by a client. Lower numbers will be processed before higher ones. Once a client has matched a record, that client may consider records with a higher Preference. This is similar to the preference of an MX record. Example Default Value 100	No*
flag	string	Example Values S, A, U, P Example Default Value S	No*
service	string		No
regex	string	Example Default Value !^.*\$!sip:info@example.com!	No
replacement	string	Help Entry The next name to query for additional records. This must be a Fully Qualified Domain Name (FQDN). Example Default Value _sip._udp.example.com	No

* indicates that it's actually required, but probably already has a valid default value

Action: *editNS*

Added in version 4.8.0-393

Description Edit a NS record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value {domain}	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
nameserver	string	Example Default Value ns1.interworx.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editPTR*

Added in version 4.8.0-393

Description Edit a PTR record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
ip_data	string	Help Entry The IP Data for a PTR record can be entered in several formats. <ul style="list-style-type: none">Normal IPv4 - 1.2.3.4Normal IPv6 - beef::12feHostname - 4.3.2.1.in-addr.arpaRFC4183-style - 4.3/29.2.1.in-addr.arpa Example Default Value 4.3.2.1.in-addr.arpa	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
domain	string	Example Default Value example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editSOA*

Added in version 4.8.0-393

Description Edit an SOA record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
nameserver	string	<p>Help Entry Enter the primary nameserver of your domain. This will almost always be handled automatically for you when creating SiteWorx accounts, and you are urged to only alter this value if you know what you are doing. This nameserver is listed on your SOA record for this domain, and setting it to an incorrect value could cause your site or any of your DNS records not to function properly.</p> <p>Example Default Value {domain}</p>	No*
email	string	<p>Help Entry This is the e-mail address listed on your SOA record. Enter it as a normal e-mail address (user@domain.com) and not in the typical SOA style of (user.domain.com).</p> <p>Example Default Value testmaster@{domain}</p>	No*
refresh	integer	<p>Description In Seconds</p> <p>Help Entry Sets the number of seconds that a slave will cache the record before re-checking the primary server. Recommended values are between 1200 (twenty minutes) and 43200 (twelve hours).</p> <p>Example Default Value 7200</p>	No*
retry	integer	<p>Description In Seconds</p> <p>Help Entry Set the number of seconds to retry a refresh after the previous refresh attempt fails. Recommended values are between 180 (three minutes) and 900 (fifteen minutes).</p> <p>Example Default Value 300</p>	No*
expiration	integer	<p>Description In Seconds</p> <p>Help Entry Set the number of seconds for refresh and retry attempts before the server will stop serving the zone. Per RFC 1912, recommended values are between 1209600 (two weeks) and 2419200 (four weeks). This value is only used by slave servers.</p> <p>Example Default Value 1209600</p>	No*

negative_ttl	integer	Description In Seconds Help Entry Time in seconds for negative answers (NXDOMAIN) from this zone. This field was redefined in 1998 by RFC2308. Suggested values are between 3600 (one hour) and 10800 (three hours). Values higher than 86400 (twenty-four hours) should be avoided. Example Default Value 10800	No*
--------------	---------	--	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *editSPF*

Added in version 4.8.0-393

Description Edit an SPF record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
spf_record_value	string	Example Default Value v=spf1	No
spf_version	string	Example Values v=spf1, v=spf3 Example Default Value v=spf1	No*
use_a	integer	Description Should the IP(s) referenced in DNS A Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*

use_mx	integer	<p>Description Should the hostnames referenced in DNS MX Records for this domain be permitted to send mail?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
use_ptr	integer	<p>Description Should the PTR Records for the sender's IP be used to validate the sender's domain? NOT RECOMMENDED.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
other_servers	integer	<p>Description Do any other hostnames or IPs need to be authorized to send mail for this domain?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
mechanism_a	struct (string)	<p>Description If the domain name has an address record (A or AAAA) that can be resolved to the sender's address, it will match.</p>	No
mechanism_mx	struct (string)	<p>Description If the domain name has an MX record resolving to the sender's address, it will match (i.e. the mail comes from one of the domain's mail servers).</p>	No
mechanism_ip4	struct (string)	<p>Description If the sender is in a given IPv4 range, match.</p>	No
mechanism_ip6	struct (string)	<p>Description If the sender is in a given IPv6 range, match.</p>	No
mechanism_ptr	struct (string)	<p>Description If the domain name for the client's address is in the given domain and that domain name resolves to the client's address, match. Input may use macro-expansion. NOT RECOMMENDED.</p>	No
mechanism_exists	struct (string)	<p>Description If there is a valid A Record for the given domain, match. Input may use macro-expansion.</p>	No
mechanism_include	struct (string)	<p>Description Used to include the policies of another domain's SPF record. Similar to the 'Redirect' parameter.</p>	No

all	string	Description Defines how to respond if the record has produced no match. Example Values , -all, ~all, ?all, +all	No
redirect	string	Description Redirects verification to use the SPF record of the specified domain. This is useful, for example, if you send mail through your ISP's servers and they have defined an SPF record.	No
explanation	string	Description Defines a DNS name whose TXT Record may be returned along with failure messages. Rarely used, may not be universally supported.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *editSRV*

Added in version 4.8.0-393

Description Edit an SRV record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
service	string	Help Entry The symbolic name of the desired service. For example, _sip, _ldap, etc. Example Default Value _sip	No*
protocol	string	Help Entry The name of the protocol with an underscore prepended to avoid collisions with other DNS records. "_TCP" and "_UDP" are the two most common values. Example Default Value _tcp	No*
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
priority	integer	Example Default Value 10	No*

weight	integer	Example Default Value 100	No*
port	integer	Example Default Value 5060	No*
target	string	Example Default Value www.google.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editTXT*

Added in version 4.8.0-393

Description Edit a TXT record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
text	string	Example Default Value example text record	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listRecordIds*

Added in version 4.7.0-339

Description List dns records by id.

Warning This action has been deprecated as of version 4.1.0-247. 2009-12-07 use listRecords

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '1',
          1 => '{domain} | SOA | {domain} testmaster@{domain} 7200 300 1209600 10800',
        ),
      1 =>
        array (
          0 => '2',
          1 => '{domain} | A | {ipv4}',
        ),
      2 =>
        array (
          0 => '3',
          1 => 'ipv4.{domain} | A | {ipv4}',
        ),
    ),
)

```

Action: *listRecords*

Added in version 4.7.0-339

Description List dns records by id.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'record_id' => '2',
          'zone_id' => '1',
          'domain' => '1.dns-template.com',
          'type' => 'A',
          'host' => '{domain}',
          'target' => '{ipv4}',
          'ttl' => '43200',
          'last_update' => '1417708438',
          'is_template' => '1',
        ),
      1 =>
        array (
          'record_id' => '3',
          'zone_id' => '1',
          'domain' => '1.dns-template.com',
          'type' => 'A',
          'host' => 'ipv4.{domain}',
          'target' => '{ipv4}',
          'ttl' => '43200',
          'last_update' => '1417708438',
          'is_template' => '1',
        ),
      2 =>
        array (
          'record_id' => '9',
          'zone_id' => '1',
          'domain' => '1.dns-template.com',
          'type' => 'A',
          'host' => 'mail.{domain}',
          'target' => '{ipv4}',
          'ttl' => '43200',
          'last_update' => '1417708438',
          'is_template' => '1',
        ),
    ),
)

```

Action: *queryEditA*

Added in version 5.1.0-838

Description Displays the information available to the action "editA".

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => '1.dns-template.com',
      'ttl' => '43200',
      'ipaddress' => '1.1.1.1',
      'record_id' => '2',
    ),
)
```

Action: *queryEditAAAA*

Added in version 5.1.0-838

Description Displays the information available to the action "editAAAA".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => '1.dns-template.com',
      'ttl' => '43200',
      'ipaddress' => ':::1',
      'record_id' => '4',
    ),
)
```

Action: *queryEditCAA*

Added in version 6.0.8-1363

Description Displays the information available to the action "editCAA".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'domain' => 'example.com',
      'ttl' => '43200',
      'flags' => '0',
      'tag' => 'issue',
      'issue' => 'ca.example.net',
      'issuewild' => '',
      'iodef' => '',
      'record_id' => '8666',
    ),
)
```

Action: *queryEditCNAME*

Added in version 5.1.0-838

Description Displays the information available to the action "editCNAME".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => 'www.1.dns-template.com',
      'ttl' => '43200',
      'alias' => '1.dns-template.com',
      'record_id' => '6',
    ),
)
```

Action: *queryEditMX*

Added in version 5.1.0-838

Description Displays the information available to the action "editMX".

Sample output

```
array (  
  'status' => 0,  
  'payload' =>  
    array (  
      'host' => '1.dns-template.com',  
      'ttl' => '43200',  
      'preference' => '10',  
      'mail_server' => 'mail.1.dns-template.com',  
      'record_id' => '8',  
    ),  
)
```

Action: *queryEditNAPTR*

Added in version 5.1.0-838

Description Displays the information available to the action "editNAPTR".

Sample output

```
array (  
  'status' => 0,  
  'payload' =>  
    array (  
      'domain' => 'example.com',  
      'ttl' => '43200',  
      'order' => '10',  
      'preference' => '100',  
      'flag' => 'S',  
      'service' => '',  
      'regex' => '!.*$!sip:info@example.com!',  
      'replacement' => '_sip_udp.example.com',  
      'record_id' => '8665',  
    ),  
)
```

Action: *queryEditNS*

Added in version 5.1.0-838

Description Displays the information available to the action "editNS".

Sample output

```
array (  
  'status' => 0,  
  'payload' =>  
    array (  
      'host' => '1.dns-template.com',  
      'ttl' => '43200',  
      'nameserver' => 'ns1.interworx.com',  
      'record_id' => '506',  
    ),  
)
```

Action: *queryEditPTR*

Added in version 5.1.0-838

Description Displays the information available to the action "editPTR".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'ip_data' => '4.3.2.1.in-addr.arpa',
    'ttl' => '43200',
    'domain' => 'example.com',
    'record_id' => '8667',
  ),
)
```

Action: *queryEditSOA*

Added in version 5.1.0-838

Description Displays the information available to the action "editSOA".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'host' => '1.dns-template.com',
    'nameserver' => '1.dns-template.com',
    'email' => 'testmaster01.dns-template.com',
    'refresh' => '7200',
    'retry' => '300',
    'expiration' => '1209600',
    'negative_ttl' => '10800',
    'record_id' => '1',
  ),
)
```

Action: *queryEditSPF*

Added in version 5.1.0-838

Description Displays the information available to the action "editSPF".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'host' => 'example.com',
    'ttl' => '43200',
    'spf_record_value' => 'v=spf1',
    'spf_version' => 'v=spf1',
    'use_a' => '0',
    'use_mx' => '0',
    'use_ptr' => '0',
    'other_servers' => '0',
    'mechanism_a' =>
    array (
    ),
    'mechanism_mx' =>
    array (
    ),
    'mechanism_ip4' =>
    array (
    ),
    'mechanism_ip6' =>
    array (
    ),
    'mechanism_ptr' =>
    array (
    ),
    'mechanism_exists' =>
    array (
    ),
    'mechanism_include' =>
    array (
    ),
    'all' => NULL,
    'redirect' => '',
    'explanation' => NULL,
    'record_id' => '8668',
  ),
)
```

Action: *queryEditSRV***Added in version** 5.1.0-838**Description** Displays the information available to the action "editSRV".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'service' => '_sip',
      'protocol' => '_tcp',
      'domain' => 'example.com',
      'ttl' => '43200',
      'priority' => '10',
      'weight' => '100',
      'port' => '5060',
      'target' => 'www.google.com',
      'record_id' => '8669',
    ),
)
```

Action: *queryEditTXT***Added in version** 5.1.0-838**Description** Displays the information available to the action "editTXT".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => 'example.com',
      'ttl' => '43200',
      'text' => 'example text record',
      'record_id' => '8670',
    ),
)
```

Action: *queryRecords***Added in version** 4.7.0-339**Description** Query DNS Records.**Input Parameters**

Name	Type	Notes	Required?
zone_id	integer		No
domain	struct (string)	Example Values example.com, pointer.com, secondary.com	No
type	struct (string)	Example Values A, CNAME, NS, MX, PTR, TXT, SOA, SPF, SRV, AAAA, NAPTR, CAA	No
last_update	string		No
uni	integer	Example Values 1, 0 Example Default Value 0	No*

show_domain	integer	Example Values 1, 0 Example Default Value 1	No*
-------------	---------	--	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 12

Controller: /nodeworx/dns/sync

Required Permissions "DNS"

Action: *add*

Added in version 4.7.0-339

Description Add a DNS synchronization server.

Input Parameters

Name	Type	Notes	Required?
hostname	string	Help Entry The hostname of the InterWorx server which should poll this server for DNS data	Yes
apikey	string	Help Entry The API Key from the InterWorx server which should poll this server for DNS data	Yes
test	integer	Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 13

Controller: /nodeworx/dns/zone

Required Permissions "DNS"

Action: *add*

Added in version 4.7.0-339

Description Add a DNS Zone.

Input Parameters

Name	Type	Notes	Required?
domain	string	Help Entry Enter the domain you would like to do DNS for in this box. Be sure that you DO NOT include the 'www' prefix. The domain should be in the format: yourdomain.com. All top level domain (TLD) extensions are valid (i.e. yourdomain.co.uk). NOTE: If you are editing the zone after its creation, you will not be able to change the domain name; you will have to delete it and create a new one.	Yes
ipaddr	string	Help Entry IPv4 address to use for variable replacement in DNS Templates.	Yes
ipv6_address	string	Help Entry IPv6 address to use for variable replacement in DNS Templates.	No
email	string	Help Entry Email address to use for variable replacement in DNS Templates.	No

Action: *delete*

Added in version 4.7.0-339

Description Delete a DNS Zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	struct (integer)		Yes

Action: *edit***Added in version** 4.7.0-339**Description** Edit a DNS Zone SOA information.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-03-21 Use Ctrl_Nodeworx_DnsRecord::editSOA() instead**Input Parameters**

Name	Type	Notes	Required?
zone_id	integer		Yes
nameserver	string	Description Leave blank for default Help Entry Enter the primary nameserver of your domain. This will almost always be handled automatically for you when creating SiteWorx accounts, and you are urged to only alter this value if you know what you are doing. This nameserver is listed on your SOA record for this domain, and setting it to an incorrect value could cause your site or any of your DNS records not to function properly. Example Default Value { domain }	No*
contact	string	Description Leave blank for default Help Entry This is the e-mail address listed on your SOA record. Enter it as a normal e-mail address (user@domain.com) and not in the typical SOA style of (user.domain.com). Example Default Value testmaster@{ domain }	No*
refresh	integer	Description In Seconds Help Entry Sets the number of seconds that a slave will cache the record before re-checking the primary server. Recommended values are between 1200 (twenty minutes) and 43200 (twelve hours). Example Default Value 7200	No*
retry	integer	Description In Seconds Help Entry Set the number of seconds to retry a refresh after the previous refresh attempt fails. Recommended values are between 180 (three minutes) and 900 (fifteen minutes). Example Default Value 300	No*

expire	integer	Description In Seconds Help Entry Set the number of seconds for refresh and retry attempts before the server will stop serving the zone. Per RFC 1912, recommended values are between 1209600 (two weeks) and 2419200 (four weeks). This value is only used by slave servers. Example Default Value 1209600	No*
negative_ttl	integer	Description In Seconds Help Entry Time in seconds for negative answers (NXDOMAIN) from this zone. This field was redefined in 1998 by RFC2308. Suggested values are between 3600 (one hour) and 10800 (three hours). Values higher than 86400 (twenty-four hours) should be avoided. Example Default Value 10800	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listZoneIds*

Added in version 4.7.0-339

Description List dns zones by id.

Warning This action has been deprecated as of version 4.7.1-343. 2010-12-10 use listZonesAction

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '1',
          1 => '1.dns-template.com',
        ),
      1 =>
        array (
          0 => '231',
          1 => '16.dns-template.com',
        ),
      2 =>
        array (
          0 => '666',
          1 => 'example.com',
        ),
    ),
)
```

Action: *listZones*

Added in version 4.8.0-393

Description Lists all DNS Zones.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'zone_id' => '1',
      'domain' => '1.dns-template.com',
      'nodeworx_id' => '1',
      'is_template' => '1',
      'record_count' => '11',
      'is_suspended' => '0',
      'domain_type' => NULL,
      'master_domain' => NULL,
    ),
    1 =>
    array (
      'zone_id' => '666',
      'domain' => 'example.com',
      'nodeworx_id' => '1',
      'is_template' => '0',
      'record_count' => '17',
      'is_suspended' => '0',
      'domain_type' => 'master',
      'master_domain' => 'example.com',
    ),
    2 =>
    array (
      'zone_id' => '667',
      'domain' => 'pointer.com',
      'nodeworx_id' => '1',
      'is_template' => '0',
      'record_count' => '9',
      'is_suspended' => '0',
      'domain_type' => 'redirect',
      'master_domain' => 'example.com',
    ),
  ),
)
```

Action: *queryZones*

Added in version 4.8.0-393

Description Search for DNS Zones for a given domain or domains.

Input Parameters

Name	Type	Notes	Required?
nodeworx_id	string		No
domain	struct (string)	Example Values example.com, pointer.com, secondary.com	No

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes
------------	--------	---	-----

Action: *suspend*

Added in version 4.7.0-339

Description Suspend a DNS Zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	struct (integer)		Yes

Action: *unsuspend*

Added in version 4.7.0-339

Description Unsuspend a DNS Zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	struct (integer)		Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 14

Controller: /nodeworx/firewall

Required Permissions "FIREWALL"

Action: *addPort*

Added in version 4.7.0-339

Description Add a port to the firewall configuration.

Input Parameters

Name	Type	Notes	Required?
port	string	Help Entry Enter the port or ports you wish to add to the firewall. You can enter port ranges as well, ex: 1234-1236.	Yes
tcp_flow_in	string	Example Values open, closed	Yes
tcp_flow_out	string	Example Values open, closed	Yes
udp_flow_in	string	Example Values open, closed	Yes
udp_flow_out	string	Example Values open, closed	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *allowDenyIps*

Added in version 4.7.0-339

Description Set firewall ip address allow and deny lists.

Input Parameters

Name	Type	Notes	Required?
trusted_ips	struct (string)	Help Entry The IP address for license.interworx.info (207.32.181.150) must be present for proper function of the InterWorx license authentication system. Example Default Value { "127.0.0.1": "127.0.0.1" }	No
blocked_ips	struct (string)		No

Action: *delete*

Added in version 4.7.0-339

Description Delete firewall port configuration.**Input Parameters**

Name	Type	Notes	Required?
ports	struct (string)	Example Values 21, 22, 23, 25, 80, 110, 143, 443, 993, 995, 2080, 2443, 3306, 50000_51000, 4444, 20, 53	Yes

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.**Action: *ipv6Settings***

Added in version 5.0.14-579

Description Controls how IPv6 Settings are handled when restarting the firewall.**Input Parameters**

Name	Type	Notes	Required?
ip6tables_status	string	Example Values off, manual, managed Example Default Value manual	No*
icmp6_control	string	Example Values default, managed Example Default Value managed	No*

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => false,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_FIREWALL##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_NOT_APPLICABLE##',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => '##LG_NOT_APPLICABLE##',
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'FIREWALL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'apf',
      'name' => '##LG_FIREWALL##',
      'ports' => '##LG_NOT_APPLICABLE##',
      'page' => '/nodeworx/firewall',
      'ctrl' => '/nodeworx/firewall',
      'is_running' => 0,
    ),
)
```

Action: *listServiceName*

Added in version 4.7.0-339

Description Lists the service name - ie "httpd" instead of "web server".

Sample output

```
array (
  'status' => 0,
  'payload' => 'apf',
)
```

Action: *listServicePage*

Added in version 4.7.0-339

Description Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/firewall',
)
```

Action: *queryAllowDenyIps*

Added in version 5.1.0-838

Description Displays the information available to the action "allowDenyIps".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'trusted_ips' =>
        array (
          '127.0.0.1' => '127.0.0.1',
        ),
      'blocked_ips' =>
        array (
        ),
      ),
  ),
)
```

Action: *queryIpv6Settings*

Added in version 5.1.0-838

Description Displays the information available to the action "ipv6Settings".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'ip6tables_status' => 'manual',
      'icmp6_control' => 'managed',
    ),
)
```

Action: *queryPortAccess*

Added in version 5.0.14-579

Description Query firewall port options.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'service' => 'ftp-data',
          'port' => 20,
          'tcp_in' => 'closed',
          'tcp_out' => 'closed',
          'udp_in' => 'open',
          'udp_out' => 'open',
        ),
    ),
)
```

```

    ),
    1 =>
    array (
        'service' => 'ftp',
        'port' => 21,
        'tcp_in' => 'open',
        'tcp_out' => 'closed',
        'udp_in' => 'open',
        'udp_out' => 'open',
    ),
    2 =>
    array (
        'service' => 'ssh',
        'port' => 22,
        'tcp_in' => 'open',
        'tcp_out' => 'open',
        'udp_in' => 'closed',
        'udp_out' => 'closed',
    ),
    ),
)
    
```

Action: *queryUpdateConfig*

Added in version 5.1.0-838

Description Displays the information available to the action "updateConfig".

Sample output

```

array (
    'status' => 0,
    'payload' =>
    array (
        'version' => '1.7.5 (APF)',
        'debug_mode' => '0',
        'default_tos' => '4',
        'tcp_drop_policy' => 'DROP',
        'udp_drop_policy' => 'DROP',
        'block_multicast' => '0',
        'block_private_network' => '0',
        'set_egress_filter' => '0',
        'max_sessions' => '34576',
        'sysctl_tcp' => '1',
        'if' => 'eth0',
        'tifs' =>
        array (
        ),
    ),
)
    
```

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart*

Added in version 4.7.0-339

Description Restarts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set the firewall start-on-boot status.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

startonboot	integer	Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *update***Added in version** 4.7.0-339**Description** Update a port in the firewall configuration.**Input Parameters**

Name	Type	Notes	Required?
tcp_flow_in	string	Example Values none, open, closed	No
tcp_flow_out	string	Example Values none, open, closed	No
udp_flow_in	string	Example Values none, open, closed	No
udp_flow_out	string	Example Values none, open, closed	No

Action: *updateConfig***Added in version** 4.7.0-339**Description** Update basic firewall configuration.**Input Parameters**

Name	Type	Notes	Required?
debug_mode	integer	Help Entry When debug mode is enabled, all firewall rules are flushed every 5 minutes to prevent being locked out of the server due to a firewall misconfiguration. Example Values 1, 0 Example Default Value 0	No*
default_tos	integer	Help Entry Defines the default type of service. Example Values 4, 8, 16 Example Default Value 4	No*

tcp_drop_policy	string	<p>Help Entry Defines how to handle TCP packet filtering. 'Reset' sends a tcp-reset message, 'Drop' silently drops the packet, and 'Reject' rejects the packet.</p> <p>Example Values RESET, DROP, REJECT</p> <p>Example Default Value DROP</p>	No*
udp_drop_policy	string	<p>Help Entry Defines how to handle UDP packet filtering. 'Reset' sends an icmp-port-unreachable message, 'Drop' will silently drop the packet, 'Reject' will reject the packet, and 'Prohibit' will send an icmp-host-prohibited message.</p> <p>Example Values RESET, DROP, REJECT, PROHIBIT</p> <p>Example Default Value DROP</p>	No*
block_multicast	integer	<p>Help Entry Defines if the firewall should block multicast traffic.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
block_private_network	integer	<p>Help Entry Defines if the firewall should block all private ipv4 addresses (reserved address space, generally unroutable on the internet). If the server sites behind a NAT or other routing setup that would make use of private addressing, leave this option 'Off'.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
set_egress_filter	integer	<p>Help Entry Outbound (egress) filtering provides full outbound packet filtering. NOTE: Port specific outbound rules will not apply if this setting is off.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
max_sessions	integer	<p>Help Entry Defines the maximum number of connection tracking entries that can be handled by the firewall simultaneously.</p> <p>Example Default Value 34576</p>	No*

sysctl_tcp	integer	Help Entry Enables or Disables sysctl hook changes to harden the kernel from certain network-based attacks. Example Values 1, 0 Example Default Value 1	No*
if	string	Help Entry All traffic on defined interface will be subject to all firewall rules. This should be your internet exposed interface. Example Values eth0 Example Default Value eth0	No*
tifs	struct (string)	Help Entry All traffic on defined interface(s) will bypass ALL firewall rules. Example Values eth0	No
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 15

Controller: /nodeworx/ftp

Required Permissions "FTP"

Action: *autoRestart*

Added in version 4.7.0-339

Description Set the FTP server auto-restart status.

Input Parameters

Name	Type	Notes	Required?
ftp_autorestart	integer	Help Entry With this option on you can have FTP restarted automatically if FTP goes down unexpectedly. Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *killSessions*

Added in version 4.8.0-393

Description Kill ftp sessions.

Input Parameters

Name	Type	Notes	Required?
sessions	struct (integer)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listFtpSessions*

Added in version 4.8.0-393

Description List Ftp Sessions.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_FTP_SERVER##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.**Sample output**

```
array (
  'status' => 0,
  'payload' => '21',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 21,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'FTP',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'proftpd',
      'name' => '##LG_FTPSERVER##',
      'ports' => '21',
      'page' => '/nodeworx/ftp',
      'ctrl' => '/nodeworx/ftp',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'proftpd',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/ftp',
)
```

Action: *queryAutoRestart***Added in version** 5.1.0-838**Description** Displays the information available to the action "autoRestart".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'ftp_autorestart' => '0',
    ),
)
```

Action: *queryEditConf***Added in version** 5.1.0-838**Description** Displays the information available to the action "editConf".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'file' => '/etc/proftpd.conf',
      'file_content' => '####
## InterWorx-CP Proftpd config
####
##
# Global Environment
##
ServerName "InterWorx-CP :: FTP Server"
ServerType standalone
ServerIdent on "FTP Server Ready"

PassivePorts 50000 51000

ListOptions -a
DefaultServer on
DeferWelcome on
```

```

SysLogLevel      debug
UseReverseDNS    off
UseFtpUsers      off
IdentLookups     off
WtmpLog          off
ScoreboardFile   /var/run/proftpd/proftpd-scoreboard
DisplayLogin     /etc/motd
SetEnv TZ        :/etc/localtime

##
# Basic Defaults
##

Port 21
Umask 022

##
# Timeouts
##

TimeoutLogin     120
TimeoutIdle      600
TimeoutNoTransfer 900
TimeoutStalled   3600
TimeoutSession   0

##
# security stuff
##

MaxInstances 30
RootLogin off

##
# The user/group we run as
##

User proftpd
Group proftpd

##
# Logging formats
##

TransferLog NONE

LogFormat default "%h %l %u %t \\\"%m %f\\\" %s %b"
LogFormat auth    "%v [%F] %h %t \\\"%r\\\" %s"
LogFormat xfer    "%h %l %u %t \\\"%m %f\\\" %s %b"
LogFormat byte    "%u %b"

## system log
SystemLog /var/log/proftpd/auth.log

##
# Global settings
##

<Global>

##
# Basic stuff
##

DisplayLogin    welcome.msg
DisplayChdir    readme
ShowSyllinks    on
AllowOverwrite  on
TimesGMT        off
AuthOrder       mod_sql.c mod_auth_pam.c mod_auth_unix.c

##
# File upload/download resume
##

AllowRetrieveRestart on
AllowStoreRestart   on

##
# SQL Authentication
##

SQLAuthenticate      users*
SQLConnectInfo       iworx_ftp@127.0.0.1:2307 iworx_ftp nwb4iPz9Y6Yg
SQLAuthTypes         Crypt
SQLUserWhereClause   "1"
SQLMinUserID         500
SQLMinUserGID        500
SQLDefaultUID        65533
SQLDefaultGID        65533
CreateHome           off
SQLUserInfo           users username password uid gid homedir shell
SQLGroupInfo          groups groupname gid members

##
# Security stuff
##

MaxLoginAttempts     3
RequireValidShell    off
MaxClients            25

## chroot everyone
DefaultRoot ~ !wheel

## hide root\'s stuff

```

```

<Directory />
  HideUser root
  HideGroup root
  HideGroup wheel
</Directory>

##
# Logging
##

## xfer log
ExtendedLog /var/log/proftpd/xfer.log READ,WRITE xfer

</Global>

<IfModule mod_sftp.c>
<VirtualHost 0.0.0.0>
  SFTPEngine on
  SFTPLog /var/log/proftpd/sftp.log
  ServerIdent off

  # Configure the server to listen on the normal SSH2 port, port 22
  Port 24

  # Configure both the RSA and DSA host keys, using the same host key
  # files that OpenSSH uses.
  SFTPHostKey /etc/ssh/ssh_host_rsa_key
  SFTPHostKey /etc/ssh/ssh_host_dsa_key

  # Configure the file used for comparing authorized public keys of users.
  SFTPAuthorizedUserKeys file:/.sftp/authorized_keys

  # Enable compression
  SFTPCompression delayed

  # Allow the same number of authentication attempts as OpenSSH.
  #
  # It is recommended that you explicitly configure MaxLoginAttempts
  # for your SSH2/SFTP instance to be higher than the normal
  # MaxLoginAttempts value for FTP, as there are more ways to authenticate
  # using SSH2.
  MaxLoginAttempts 6
</VirtualHost>
</IfModule>

<IfModule mod_tls.c>
  TLSEngine on
  TLSLog /var/log/proftpd/tls.log
  TLSProtocol SSLv23 # this selects the latest crypt version

  TLSOptions NoCertRequest # this is REALLY important for WinClients

  # Are clients required to use FTP over TLS when talking to this server?
  TLSRequired off

  # Server's certificate
  TLSRSACertificateFile /etc/pki/tls/certs/proftpd.pem
  TLSRSACertificateKeyFile /etc/pki/tls/certs/proftpd.pem

  # CA the server trusts
  # TLSCACertificateFile /usr/share/ssl/cert.pem

  # Authenticate clients that want to use FTP over TLS?
  TLSVerifyClient off
</IfModule>

maxclientsperuser none
),
),
)

```

Action: *queryServerOptions*

Added in version 5.1.0-838

Description Displays the information available to the action "serverOptions".

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'maxinstances' => '30',
    'maxclients' => '25',
    'maxclientsperuser' => '999999999',
    'timeoutlogin' => '120',
    'timeoutidle' => '600',
    'timeoutnottransfer' => '900',
    'timeoutstalled' => '3600',
    'timeoutsession' => '0',
    'maxloginattempts' => '3',
    'tlsrequired' => '0',
    'showsymlinks' => '1',
    'allowretrieverestart' => '1',
    'allowstorerestart' => '1',
  )
)

```

```
),
)
```

Action: *querySftpOptions*

Added in version 5.1.0-838

Description Displays the information available to the action "sftpOptions".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'port' => '24',
      'maxloginattempts' => '6',
      'sftpengine' => '1',
    ),
)
```

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSntp, MailSntp2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart*

Added in version 4.7.0-339

Description Restarts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *rrdGraph***Added in version** 4.7.0-339**Description** Set the FTP connections RRD graph display in the web interface.**Input Parameters**

Name	Type	Notes	Required?
rrd	integer	Help Entry Use the dropdown to turn the FTP server activity graph on or off Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *serverOptions***Added in version** 4.7.0-339**Description** Update FTP server settings.**Input Parameters**

Name	Type	Notes	Required?
maxinstances	integer	Help Entry Sets the maximum number of child processes to be spawned Example Default Value 30	No*
maxclients	integer	Help Entry The total number of FTP clients allowed to connect to the FTP server. Example Default Value 25	No*
maxclientsperuser	integer	Help Entry The total number of FTP clients allowed to connect from a given user id. Example Default Value 99999999	No*

timeoutlogin	integer	Help Entry Sets the login timeout Example Default Value 120	No*
timeoutidle	integer	Help Entry Sets the idle timeout Example Default Value 600	No*
timeoutnottransfer	integer	Help Entry Sets the connection without transfer timeout Example Default Value 900	No*
timeoutstalled	integer	Help Entry Sets the timeout on stalled downloads Example Default Value 3600	No*
timeoutsession	integer	Help Entry Sets a timeout for an entire session Example Default Value 0	No*
maxloginattempts	integer	Help Entry Sets how many password attempts are allowed before disconnection Example Default Value 3	No*
tlsrequired	integer	Help Entry Toggle whether FTPS (secure FTP) is required on this server Example Values 1, 0 Example Default Value 0	No*
showsymlinks	integer	Help Entry Toggle the display of symlinks Example Values 1, 0 Example Default Value 1	No*
allowretrieverestart	integer	Help Entry Allow clients to resume uploads Example Values 1, 0 Example Default Value 1	No*

allowstorerestart	integer	Help Entry Allow clients to resume downloads Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
* indicates that it's actually required, but probably already has a valid default value			

Action: *sftpOptions*

Added in version 4.9.0-427

Description Update SFTP server settings.**Input Parameters**

Name	Type	Notes	Required?
port	integer	Help Entry The port used for the SFTP service. Example Default Value 24	No*
maxloginattempts	integer	Help Entry Sets how many password attempts are allowed before disconnection Example Default Value 6	No*
sftpengine	integer	Help Entry The current status of the SFTP engine. Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
* indicates that it's actually required, but probably already has a valid default value			

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set the FTP server start-on-boot status.

Input Parameters

Name	Type	Notes	Required?
ftp_startonboot	integer	Help Entry If set to 'Yes', FTP will be automatically started when the server starts up Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	<p>Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually</p> <p>Example Values 1</p>	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 16

Controller: /nodeworx/health

Required Permissions "SETTINGS"

Action: *edit*

Added in version 4.7.0-339

Description Edit Problem settings - action has conditional inputs not documented.

Input Parameters

Name	Type	Notes	Required?
code	string	Example Values CLAMAV_NOT_WORKING, EXTERNAL_NFS_CANNOT_CONNECT, MAIL_LOGGING_STOPPED, MISSING_NAMEVIRTUALHOSTCONF_FILE, SSL_CERT_EXPIRED, SSL_CERT_NEARLY_EXPIRED, COMMAND_QUEUE_OFFLINE, DEMO_EXPIRE, FIVELY_STUCK, FTP_DB_CONNECTION_BROKEN, HIGH_LOAD, UPGRADE_AVAILABLE, LICENSE, MAIL_QUEUE_SIZE, MISSING_SYMLINK, MULTIPLE_PHP_MODES_ENABLED, PARTITIONS_ALMOST_FULL, PARTITIONS_COMPLETELY_FULL, QUOTAS, RSL_BANDWIDTH, IMAPSSL_OFF, SW_BANDWIDTH, SW_SSL_EXPIRED, SW_SSL_NEARLY_EXPIRED, SW_STORAGE, SWAP_USAGE, TMP_UNWRITEABLE, VPS_CLUSTER, YUM_UPDATE_FAILING, UPGRADE_STEP_FAILED	Yes
repeat_rate	string	Help Entry The repeat rate controls how often notices are sent for the conditions checked by the Problem Detectors. Example Values once, 0, 30, 60, 1440, 10080 Example Default Value 60	No*

run_time	string	Help Entry Controls how often the Detector is run. Detection is triggered by the InterWorx CRON jobs. Example Values fively, fifteenly, hourly, quad_daily, daily, weekly, monthly Example Default Value hourly	No*
sender_address	string	Example Values default Example Default Value default	No*
sender_name	string	Example Values default Example Default Value default	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editRecipients*

Added in version 4.7.0-339

Description Change the recipients of a code.

Input Parameters

Name	Type	Notes	Required?
code	string	Example Values CLAMAV_NOT_WORKING, EXTERNAL_NFS_CANNOT_CONNECT, MAIL_LOGGING_STOPPED, MISSING_NAMEVIRTUALHOSTCONF_FILE, SSL_CERT_EXPIRED, SSL_CERT_NEARLY_EXPIRED, COMMAND_QUEUE_OFFLINE, DEMO_EXPIRE, FIVELY_STUCK, FTP_DB_CONNECTION_BROKEN, HIGH_LOAD, UPGRADE_AVAILABLE, LICENSE, MAIL_QUEUE_SIZE, MISSING_SYMLINK, MULTIPLE_PHP_MODES_ENABLED, PARTITIONS_ALMOST_FULL, PARTITIONS_COMPLETELY_FULL, QUOTAS, RSL_BANDWIDTH, IMAPSSL_OFF, SW_BANDWIDTH, SW_SSL_EXPIRED, SW_SSL_NEARLY_EXPIRED, SW_STORAGE, SWAP_USAGE, TMP_UNWRITEABLE, VPS_CLUSTER, YUM_UPDATE_FAILING, UPGRADE_STEP_FAILED	Yes
email_recipients	struct (string)	Example Values 2, 3, nw1, nw54, nw213 Example Default Value ["2"]	No

banner_recipients	struct (string)	<p>Help Entry Banner notices are delivered through the InterWorx interface as a banner across the top of each screen</p> <p>Example Values 2, 3, nw1, nw54, nw213</p> <p>Example Default Value ["2"]</p>	No
email_only	struct (string)	<p>Help Entry Add direct email addresses to send to</p>	No

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *queryCodeHistory*

Added in version 4.7.0-339

Description Get the code history for a specific code.

Input Parameters

Name	Type	Notes	Required?
code	string	<p>Example Values CLAMAV_NOT_WORKING, EXTERNAL_NFS_CANNOT_CONNECT, MAIL_LOGGING_STOPPED, MISSING_NAMEVIRTUALHOSTCONF_FILE, SSL_CERT_EXPIRED, SSL_CERT_NEARLY_EXPIRED, COMMAND_QUEUE_OFFLINE, DEMO_EXPIRE, FIVELY_STUCK, FTP_DB_CONNECTION_BROKEN, HIGH_LOAD, UPGRADE_AVAILABLE, LICENSE, MAIL_QUEUE_SIZE, MISSING_SYMLINK, MULTIPLE_PHP_MODES_ENABLED, PARTITIONS_ALMOST_FULL, PARTITIONS_COMPLETELY_FULL, QUOTAS, RSL_BANDWIDTH, IMAPSSL_OFF, SW_BANDWIDTH, SW_SSL_EXPIRED, SW_SSL_NEARLY_EXPIRED, SW_STORAGE, SWAP_USAGE, TMP_UNWRITEABLE, VPS_CLUSTER, YUM_UPDATE_FAILING, UPGRADE_STEP_FAILED</p>	Yes

Action: *queryCodesByEmail*

Added in version 4.8.0-393

Description Lists codes that the given email address may receive.

Input Parameters

Name	Type	Notes	Required?
email	string		Yes

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'repeat_rate' => '60',
    'run_time' => 'hourly',
    'sender_address' => 'default',
    'sender_name' => 'default',
    'code' => 'CLAMAV_NOT_WORKING',
  ),
)
```

Action: *queryEditRecipients*

Added in version 5.1.0-838

Description Displays the information available to the action "editRecipients".

Input Parameters

Name	Type	Notes	Required?
code	string	Example Values CLAMAV_NOT_WORKING, EXTERNAL_NFS_CANNOT_CONNECT, MAIL_LOGGING_STOPPED, MISSING_NAMEVIRTUALHOSTCONF_FILE, SSL_CERT_EXPIRED, SSL_CERT_NEARLY_EXPIRED, COMMAND_QUEUE_OFFLINE, DEMO_EXPIRE, FIVELY_STUCK, FTP_DB_CONNECTION_BROKEN, HIGH_LOAD, UPGRADE_AVAILABLE, LICENSE, MAIL_QUEUE_SIZE, MISSING_SYMLINK, MULTIPLE_PHP_MODES_ENABLED, PARTITIONS_ALMOST_FULL, PARTITIONS_COMPLETELY_FULL, QUOTAS, RSL_BANDWIDTH, IMAPSSL_OFF, SW_BANDWIDTH, SW_SSL_EXPIRED, SW_SSL_NEARLY_EXPIRED, SW_STORAGE, SWAP_USAGE, TMP_UNWRITEABLE, VPS_CLUSTER, YUM_UPDATE_FAILING, UPGRADE_STEP_FAILED	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'email_recipients' =>
    array (
      0 => '2',
    ),
  ),
)
```

```

),
'banner_recipients' =>
array (
  0 => '2',
),
'email_only' =>
array (
),
'code' => 'CLAMAV_NOT_WORKING',
),
)

```

Action: *queryHealthStatus*

Added in version 5.0.14-579

Description Lists real-time status of detectors (actually runs each, be careful about load).

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'code' => 'CLAMAV_NOT_WORKING',
      'name' => '##LG_CLAMAV_NOT_WORKING##',
      'status' => 0,
      'type' => '##LG_PROBLEM_SYSTEM_MONITORS##',
      'message' => '',
    ),
    1 =>
    array (
      'code' => 'EXTERNAL_NFS_CANNOT_CONNECT',
      'name' => '##LG_EXTERNAL_NFS_CANNOT_CONNECT##',
      'status' => 0,
      'type' => '##LG_PROBLEM_SYSTEM_MONITORS##',
      'message' => '',
    ),
    2 =>
    array (
      'code' => 'MAIL_LOGGING_STOPPED',
      'name' => '##LG_MAIL_LOGGING_STOPPED##',
      'status' => 0,
      'type' => '##LG_PROBLEM_SYSTEM_MONITORS##',
      'message' => '',
    ),
  ),
),
)

```

Action: *removeTargetFromCode*

Added in version 4.8.0-393

Description Removes a specific target from a code. Use `queryCodesByEmail()` to see targets.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

code	string	Example Values CLAMAV_NOT_WORKING, EXTERNAL_NFS_CANNOT_CONNECT, MAIL_LOGGING_STOPPED, MISSING_NAMEVIRTUALHOSTCONF_FILE, SSL_CERT_EXPIRED, SSL_CERT_NEARLY_EXPIRED, COMMAND_QUEUE_OFFLINE, DEMO_EXPIRE, FIVELY_STUCK, FTP_DB_CONNECTION_BROKEN, HIGH_LOAD, UPGRADE_AVAILABLE, LICENSE, MAIL_QUEUE_SIZE, MISSING_SYMLINK, MULTIPLE_PHP_MODES_ENABLED, PARTITIONS_ALMOST_FULL, PARTITIONS_COMPLETELY_FULL, QUOTAS, RSL_BANDWIDTH, IMAPSSL_OFF, SW_BANDWIDTH, SW_SSL_EXPIRED, SW_SSL_NEARLY_EXPIRED, SW_STORAGE, SWAP_USAGE, TMP_UNWRITEABLE, VPS_CLUSTER, YUM_UPDATE_FAILING, UPGRADE_STEP_FAILED	Yes
target	string		Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Action: *win***

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 17

Controller: /nodeworx/help

Required Permissions "REMOTEASSIST"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *querySsh*

Added in version 5.1.0-838

Description Displays the information available to the action "ssh".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'mode' => '0',
    'duration' => '72 hours',
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSntp, MailSntp2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *ssh***Added in version** 4.8.0-393**Description** Enable or disable Interworx Support SSH user.**Input Parameters**

Name	Type	Notes	Required?
mode	integer	Example Values 1, 0 Example Default Value 0	No*
duration	string	Help Entry Defines how long Remote Assistance will be enabled before automatically disabling Example Values 24 hours, 48 hours, 72 hours, 1 week Example Default Value 72 hours	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 18

Controller: /nodeworx/http

Required Permissions "APACHE"

Action: *apacheUpdate*

Added in version 4.7.0-339

Description Update common apache web server settings.

Input Parameters

Name	Type	Notes	Required?
http_port	integer	Example Default Value 80	No*
https_port	integer	Example Default Value 443	No*
serverlimit	integer	Help Entry This directive sets the maximum configured value for MaxClients for the lifetime of the web server process. Example Default Value 256	No*
maxclients	integer	Help Entry The MaxClients directive sets the limit on the number of simultaneous requests that will be served. Example Default Value 256	No*
startservers	integer	Help Entry The StartServers directive sets the number of child server processes created on startup. As the number of processes is dynamically controlled depending on the load, there is usually little reason to adjust this parameter. Example Default Value 8	No*

minspareservers	integer	Help Entry Minimum number of idle threads to handle request spikes. Example Default Value 5	No*
maxspareservers	integer	Help Entry This monitors the number of idle threads on a per-child basis. If there are too many idle threads in that child, the server will begin to kill threads within that child. Example Default Value 20	No*
maxrequestsperchild	integer	Description 0 is Unlimited Help Entry This directive sets the limit on the number of requests that an individual child server process will handle. Example Default Value 4000	No*
timeout	integer	Help Entry This is the length of time before the web server kills the thread handling your connection. Example Default Value 60	No*
keepalive	integer	Help Entry Turn Keepalive on or off. Example Values 1, 0 Example Default Value 0	No*
maxkeepaliverequests	integer	Help Entry The Keep-Alive extension to HTTP/1.0 and the persistent connection feature of HTTP/1.1 provide long-lived HTTP sessions which allow multiple requests to be sent over the same TCP connection. Example Default Value 100	No*
keepalivetimeout	integer	Help Entry The number of seconds the web server will wait for a subsequent request before closing the connection. Once a request has been received, the timeout value specified by the timeout directive applies. Example Default Value 15	No*

adddefaultcharset	string	<p>Help Entry Default value for the media type charset parameter (the name of a character encoding) to be added to a response if and only if the response's content-type is either text/plain or text/html.</p> <p>Example Values UTF-8, ISO-8859-1, UTF-16BE, UTF-16LE, UTF-16, ANSI_X3.4-1968, ISO-10646-UTF-1, ISO_646.basic:1983, INVARIANT, ISO_646.irv:1983, BS_4730, NATS-SEFI, NATS-SEFI-ADD, NATS-DANO, NATS-DANO-ADD, SEN_850200_B, SEN_850200_C, KS_C_5601-1987, ISO-2022-KR, EUC-KR, ISO-2022-JP, ISO-2022-JP-2, ISO-2022-CN, ISO-2022-CN-EXT, JIS_C6220-1969-jp, JIS_C6220-1969-ro, IT, PT, ES, greek7-old, latin-greek, DIN_66003, NF_Z_62-010_(1973), Latin-greek-1, ISO_5427, JIS_C6226-1978, BS_viewdata, INIS, INIS-8, INIS-cyrillic, ISO_5427:1981, ISO_5428:1980, GB_1988-80, GB_2312-80, NS_4551-1, NS_4551-2, NF_Z_62-010, videotex-suppl, PT2, ES2, ...</p> <p>Example Default Value UTF-8</p>	No*
force_graceful	integer	<p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
cascade_to_nodes	integer	<p>Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually</p> <p>Example Values 1</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *autoRestart*

Added in version 4.7.0-339

Description Set the web server auto-restart status.

Input Parameters

Name	Type	Notes	Required?
apache_autorestart	integer	<p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
cascade_to_nodes	integer	<p>Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually</p> <p>Example Values 1</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *disable*

Added in version 4.8.0-393

Description Http disable Apache module action.

Input Parameters

Name	Type	Notes	Required?
name	struct (string)	Example Values foo_module, auth_basic_module, auth_digest_module, authn_file_module, authn_alias_module, authn_anon_module, authn_dbm_module, authn_default_module, authz_host_module, authz_user_module, authz_owner_module, authz_groupfile_module, authz_dbm_module, authz_default_module, ldap_module, authnz_ldap_module, include_module, log_config_module, logio_module, env_module, ext_filter_module, mime_magic_module, expires_module, deflate_module, headers_module, usertrack_module, setenvif_module, mime_module, dav_module, status_module, autoindex_module, info_module, dav_fs_module, vhost_alias_module, negotiation_module, dir_module, actions_module, spelling_module, userdir_module, alias_module, substitute_module, rewrite_module, proxy_module, proxy_balancer_module, proxy_ftp_module, proxy_http_module, proxy_ajp_module, proxy_connect_module, cache_module, suexec_module, ...	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *enable*

Added in version 4.8.0-393

Description Http enable Apache module action.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

name	struct (string)	Example Values foo_module, auth_basic_module, auth_digest_module, authn_file_module, authn_alias_module, authn_anon_module, authn_dbm_module, authn_default_module, authz_host_module, authz_user_module, authz_owner_module, authz_groupfile_module, authz_dbm_module, authz_default_module, ldap_module, authnz_ldap_module, include_module, log_config_module, logio_module, env_module, ext_filter_module, mime_magic_module, expires_module, deflate_module, headers_module, usertrack_module, setenvif_module, mime_module, dav_module, status_module, autoindex_module, info_module, dav_fs_module, vhost_alias_module, negotiation_module, dir_module, actions_module, speling_module, userdir_module, alias_module, substitute_module, rewrite_module, proxy_module, proxy_balancer_module, proxy_ftp_module, proxy_http_module, proxy_ajp_module, proxy_connect_module, cache_module, suexec_module, ...	No*
------	-----------------	--	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *enableMultiplePhp*

Added in version 6.0.0-1316

Description Enable the Multiple PHP feature.

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listAvailablePhpVersions***Added in version** 6.0.16-1389**Description** Get available php versions on this system (may not be enabled for use).**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 => '/opt/remi/php70',
    1 => '/opt/remi/php71',
    2 => '/opt/remi/php54',
  ),
)
```

Action: *listEnabledPhpVersions***Added in version** 6.0.16-1389**Description** Get enabled php versions on this system.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 => '/opt/remi/php70',
    1 => '/opt/remi/php71',
  ),
)
```

Action: *listGeneralName***Added in version** 4.7.0-339**Description** Lists the "normal" name - ie "web server" instead of "httpd".**Sample output**

```
array (
  'status' => 0,
  'payload' => '##LG_APACHE##',
)
```

Action: *listModules***Added in version** 4.8.0-393**Description** List Apache module information.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'name' => 'actions_module',
      'enabled' => 1,
    ),
    1 =>
    array (
      'name' => 'alias_module',
      'enabled' => 1,
    ),
    2 =>
    array (
      'name' => 'auth_basic_module',
      'enabled' => 1,
    ),
  ),
)
```

Action: *listPhpInstallMode***Added in version** 5.0.14-579**Description** Get the mode php is running under.**Sample output**

```
array (
  'status' => 0,
  'payload' => 'mod_suphp',
)
```

Action: *listPortNumbers***Added in version** 4.7.0-339**Description** Lists a string of the port numbers that this service uses, comma-seperated.**Sample output**

```
array (
  'status' => 0,
  'payload' => '80, 443',
)
```

Action: *listPortNumbersArray***Added in version** 4.7.0-339**Description** Lists array of port numbers and ranges that this service uses.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => '80',
      1 => '443',
    ),
)
```

Action: *listRequiredPermissions***Added in version** 4.7.0-339**Description** Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'APACHE',
    ),
)
```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'httpd',
      'name' => '##LG_APACHE##',
      'ports' => '80, 443',
      'page' => '/nodeworx/http',
      'ctrl' => '/nodeworx/http',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'httpd',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/http',
)
```

Action: *multiplePhpOptions***Added in version** 6.0.0-1316**Description** Update multiple php options.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

enabled_php_versions	array (string)	Help Entry Versions available for new SiteWorx accounts. Disabling a version only removes it from the list - it will still be installed, and any domains currently using it will continue. Example Values /opt/remi/php70, /opt/remi/php71, /opt/remi/php54, /opt/remi/php55, /opt/remi/php56, /opt/remi/php72 Example Default Value ["\opt\remi\php70","\opt\remi\php71"]	No
default_php_version	string	Help Entry This version will be pre-selected when creating new SiteWorx accounts. This controls the default value when using an API call that may not provide this input for creating a new SiteWorx Account. Example Values system-php, /opt/remi/php70, /opt/remi/php71 Example Default Value /opt/remi/php71	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *queryApacheUpdate*

Added in version 5.1.0-838

Description Displays the information available to the action "apacheUpdate".

Sample output

```
array (  
  'status' => 0,  
  'payload' =>  
    array (  
      'http_port' => '80',  
      'https_port' => '443',  
      'serverlimit' => '256',  
      'maxclients' => '256',  
      'startservers' => '8',  
      'minspareservers' => '5',  
      'maxspareservers' => '20',  
      'maxrequestperchild' => '4000',  
      'timeout' => '60',  
      'keepalive' => '0',  
      'maxkeepaliverequests' => '100',  
      'keepalivetimeout' => '15',  
      'adddefaultcharset' => 'UTF-8',  
      'force_graceful' => '0',  
    ),  
),
```

Action: *queryAutoRestart*

Added in version 5.1.0-838

Description Displays the information available to the action "autoRestart".

Sample output

```
array (  
  'status' => 0,  
  'payload' =>  
    array (  
      'apache_autorestart' => '0',  
    ),  
),
```

Action: *queryEditConf*

Added in version 5.1.0-838

Description Displays the information available to the action "editConf".

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'file' => '/etc/httpd/conf/httpd.conf',
      'file_content' => '#
# This is the main Apache server configuration file. It contains the
# configuration directives that give the server its instructions.
# See <URL:http://httpd.apache.org/docs/2.2/> for detailed information.
# In particular, see
# <URL:http://httpd.apache.org/docs/2.2/mod/directives.html>
# for a discussion of each configuration directive.
#
# Do NOT simply read the instructions in here without understanding
# what they do. They\re here only as hints or reminders. If you are unsure
# consult the online docs. You have been warned.
#
# The configuration directives are grouped into three basic sections:
# 1. Directives that control the operation of the Apache server process as a
# whole (the \global environment\').
# 2. Directives that define the parameters of the \main\ or \default\ server,
# which responds to requests that aren\t handled by a virtual host.
# These directives also provide default values for the settings
# of all virtual hosts.
# 3. Settings for virtual hosts, which allow Web requests to be sent to
# different IP addresses or hostnames and have them handled by the
# same Apache server process.
#
# Configuration and logfile names: If the filenames you specify for many
# of the server\'s control files begin with "/" (or "drive:/\" for Win32), the
# server will use that explicit path. If the filenames do *not* begin
# with "/", the value of ServerRoot is prepended -- so "logs/foo.log"
# with ServerRoot set to "/etc/httpd" will be interpreted by the
# server as "/etc/httpd/logs/foo.log".
#

### Section 1: Global Environment
#
# The directives in this section affect the overall operation of Apache,
# such as the number of concurrent requests it can handle or where it
# can find its configuration files.
#
#
# Don\'t give away too much information about all the subcomponents
# we are running. Comment out this line if you don\'t mind remote sites
# finding out what major optional modules you are running
ServerTokens OS

#
# ServerRoot: The top of the directory tree under which the server\'s
# configuration, error, and log files are kept.
#
# NOTE! If you intend to place this on an NFS (or otherwise network)
# mounted filesystem then please read the LockFile documentation
# (available at <URL:http://httpd.apache.org/docs/2.2/mod/mpm_common.html#lockfile>);
# you will save yourself a lot of trouble.
#
# Do NOT add a slash at the end of the directory path.
#
ServerRoot "/etc/httpd"

#
# PidFile: The file in which the server should record its process
# identification number when it starts. Note the PIDFILE variable in
# /etc/sysconfig/httpd must be set appropriately if this location is
# changed.
#
PidFile run/httpd.pid

#
# Timeout: The number of seconds before receives and sends time out.
#
Timeout 60

#
# KeepAlive: Whether or not to allow persistent connections (more than
# one request per connection). Set to "Off" to deactivate.
#
KeepAlive off

#
# MaxKeepAliveRequests: The maximum number of requests to allow
# during a persistent connection. Set to 0 to allow an unlimited amount.
# We recommend you leave this number high, for maximum performance.
#
MaxKeepAliveRequests 100

#
# KeepAliveTimeout: Number of seconds to wait for the next request from the
# same client on the same connection.
#
KeepAliveTimeout 15

```

```

##
## Server-Pool Size Regulation (MPM specific)
##

# prefork MPM
# StartServers: number of server processes to start
# MinSpareServers: minimum number of server processes which are kept spare
# MaxSpareServers: maximum number of server processes which are kept spare
# ServerLimit: maximum value for MaxClients for the lifetime of the server
# MaxClients: maximum number of server processes allowed to start
# MaxRequestsPerChild: maximum number of requests a server process serves
<IfModule prefork.c>
StartServers      8
MinSpareServers   5
MaxSpareServers   20
ServerLimit       256
MaxClients        256
MaxRequestsPerChild  4000
</IfModule>

# worker MPM
# StartServers: initial number of server processes to start
# MaxClients: maximum number of simultaneous client connections
# MinSpareThreads: minimum number of worker threads which are kept spare
# MaxSpareThreads: maximum number of worker threads which are kept spare
# ThreadsPerChild: constant number of worker threads in each server process
# MaxRequestsPerChild: maximum number of requests a server process serves
<IfModule worker.c>
StartServers      4
MaxClients        300
MinSpareThreads   25
MaxSpareThreads   75
ThreadsPerChild   25
MaxRequestsPerChild  0
</IfModule>

#
# Listen: Allows you to bind Apache to specific IP addresses and/or
# ports, in addition to the default. See also the <VirtualHost>
# directive.
#
# Change this to Listen on specific IP addresses as shown below to
# prevent Apache from glomming onto all bound IP addresses (0.0.0.0)
#
#Listen 12.34.56.78:80
Listen 80

#
# Dynamic Shared Object (DSO) Support
#
# To be able to use the functionality of a module which was built as a DSO you
# have to place corresponding 'LoadModule' lines at this location so the
# directives contained in it are actually available _before_ they are used.
# Statically compiled modules (those listed by 'httpd -l') do not need
# to be loaded here.
#
# Example:
# LoadModule foo_module modules/mod_foo.so

LoadModule auth_basic_module modules/mod_auth_basic.so
LoadModule auth_digest_module modules/mod_auth_digest.so
LoadModule authn_file_module modules/mod_authn_file.so
LoadModule authn_alias_module modules/mod_authn_alias.so
LoadModule authn_anon_module modules/mod_authn_anon.so
LoadModule authn_dbm_module modules/mod_authn_dbm.so
LoadModule authn_default_module modules/mod_authn_default.so
LoadModule authz_host_module modules/mod_authz_host.so
LoadModule authz_user_module modules/mod_authz_user.so
LoadModule authz_owner_module modules/mod_authz_owner.so
LoadModule authz_groupfile_module modules/mod_authz_groupfile.so
LoadModule authz_dbm_module modules/mod_authz_dbm.so
LoadModule authz_default_module modules/mod_authz_default.so
LoadModule ldap_module modules/mod_ldap.so
LoadModule authnz_ldap_module modules/mod_authnz_ldap.so
LoadModule include_module modules/mod_include.so
LoadModule log_config_module modules/mod_log_config.so
LoadModule logio_module modules/mod_logio.so
LoadModule env_module modules/mod_env.so
LoadModule ext_filter_module modules/mod_ext_filter.so
LoadModule mime_magic_module modules/mod_mime_magic.so
LoadModule expires_module modules/mod_expires.so
LoadModule deflate_module modules/mod_deflate.so
LoadModule headers_module modules/mod_headers.so
LoadModule usertrack_module modules/mod_usertrack.so
LoadModule setenvif_module modules/mod_setenvif.so
LoadModule mime_module modules/mod_mime.so
LoadModule dav_module modules/mod_dav.so
LoadModule status_module modules/mod_status.so
LoadModule autoindex_module modules/mod_autoindex.so
LoadModule info_module modules/mod_info.so
LoadModule dav_fs_module modules/mod_dav_fs.so
LoadModule vhost_alias_module modules/mod_vhost_alias.so
LoadModule negotiation_module modules/mod_negotiation.so
LoadModule dir_module modules/mod_dir.so
LoadModule actions_module modules/mod_actions.so
LoadModule spelling_module modules/mod_spelling.so
LoadModule userdir_module modules/mod_userdir.so
LoadModule alias_module modules/mod_alias.so
LoadModule substitute_module modules/mod_substitute.so
LoadModule rewrite_module modules/mod_rewrite.so
LoadModule proxy_module modules/mod_proxy.so
LoadModule proxy_balancer_module modules/mod_proxy_balancer.so
LoadModule proxy_ftp_module modules/mod_proxy_ftp.so
LoadModule proxy_http_module modules/mod_proxy_http.so
LoadModule proxy_ajp_module modules/mod_proxy_ajp.so
LoadModule proxy_connect_module modules/mod_proxy_connect.so

```

```

LoadModule cache_module modules/mod_cache.so
LoadModule suexec_module modules/mod_suexec.so
LoadModule disk_cache_module modules/mod_disk_cache.so
LoadModule cgi_module modules/mod_cgi.so
LoadModule version_module modules/mod_version.so

#
# The following modules are not loaded by default:
#
#LoadModule asis_module modules/mod_asis.so
#LoadModule authn_dbd_module modules/mod_authn_dbd.so
#LoadModule cern_meta_module modules/mod_cern_meta.so
#LoadModule cgid_module modules/mod_cgid.so
#LoadModule dbd_module modules/mod_dbd.so
#LoadModule dumpio_module modules/mod_dumpio.so
#LoadModule filter_module modules/mod_filter.so
#LoadModule ident_module modules/mod_ident.so
#LoadModule log_forensic_module modules/mod_log_forensic.so
#LoadModule unique_id_module modules/mod_unique_id.so
#

#
# Load config files from the config directory "/etc/httpd/conf.d".
#
Include conf.d/*.conf

#
# ExtendedStatus controls whether Apache will generate "full" status
# information (ExtendedStatus On) or just basic information (ExtendedStatus
# Off) when the "server-status" handler is called. The default is Off.
#
#ExtendedStatus On

#
# If you wish httpd to run as a different user or group, you must run
# httpd as root initially and it will switch.
#
# User/Group: The name (or #number) of the user/group to run httpd as.
# . On SCO (ODT 3) use "User nouser" and "Group nogroup".
# . On HP-UX you may not be able to use shared memory as nobody, and the
#   suggested workaround is to create a user www and use that user.
# NOTE that some kernels refuse to setgid(Group) or semctl(IPC_SET)
# when the value of (unsigned)Group is above 60000;
# don't use Group #-1 on these systems!
#
User apache
Group apache

### Section 2: '\Main\' server configuration
#
# The directives in this section set up the values used by the '\main\'
# server, which responds to any requests that aren't handled by a
# <VirtualHost> definition. These values also provide defaults for
# any <VirtualHost> containers you may define later in the file.
#
# All of these directives may appear inside <VirtualHost> containers,
# in which case these default settings will be overridden for the
# virtual host being defined.
#

# ServerAdmin: Your address, where problems with the server should be
# e-mailed. This address appears on some server-generated pages, such
# as error documents. e.g. admin@your-domain.com
#
ServerAdmin root@localhost

#
# ServerName gives the name and port that the server uses to identify itself.
# This can often be determined automatically, but we recommend you specify
# it explicitly to prevent problems during startup.
#
# If this is not set to valid DNS name for your host, server-generated
# redirections will not work. See also the UseCanonicalName directive.
#
# If your host doesn't have a registered DNS name, enter its IP address here.
# You will have to access it by its address anyway, and this will make
# redirections work in a sensible way.
#
#ServerName www.example.com:80

#
# UseCanonicalName: Determines how Apache constructs self-referencing
# URLs and the SERVER_NAME and SERVER_PORT variables.
# When set "Off", Apache will use the Hostname and Port supplied
# by the client. When set "On", Apache will use the value of the
# ServerName directive.
#
UseCanonicalName Off

#
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#
DocumentRoot "/var/www/html"

#
# Each directory to which Apache has access can be configured with respect
# to which services and features are allowed and/or disabled in that
# directory (and its subdirectories).
#
# First, we configure the "default" to be a very restrictive set of
# features.
#
<Directory />
    Options FollowSymLinks

```

```
    AllowOverride All
</Directory>

#
# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something\'s not working as
# you might expect, make sure that you have specifically enabled it
# below.
#
#
# This should be changed to whatever you set DocumentRoot to.
#
<Directory "/var/www/html">
#
# Possible values for the Options directive are "None", "All",
# or any combination of:
#   Indexes Includes FollowSymLinks SymLinksifOwnerMatch ExecCGI MultiViews
#
# Note that "MultiViews" must be named *explicitly* --- "Options All"
# doesn\'t give it to you.
#
# The Options directive is both complicated and important. Please see
# http://httpd.apache.org/docs/2.2/mod/core.html#options
# for more information.
#
    Options Indexes FollowSymLinks

#
# AllowOverride controls what directives may be placed in .htaccess files.
# It can be "All", "None", or any combination of the keywords:
#   Options FileInfo AuthConfig Limit
#
    AllowOverride None

#
# Controls who can get stuff from this server.
#
    Order allow,deny
    Allow from all

</Directory>

#
# UserDir: The name of the directory that is appended onto a user\'s home
# directory if a "user request is received.
#
# The path to the end user account \'public_html\' directory must be
# accessible to the webserver userid. This usually means that "userid
# must have permissions of 711, "userid/public_html must have permissions
# of 755, and documents contained therein must be world-readable.
# Otherwise, the client will only receive a "403 Forbidden" message.
#
# See also: http://httpd.apache.org/docs/misc/FAQ.html#forbidden
#
<IfModule mod_userdir.c>
#
# UserDir is disabled by default since it can confirm the presence
# of a username on the system (depending on home directory
# permissions).
#
#UserDir disabled

#
# To enable requests to ~/user/ to serve the user\'s public_html
# directory, remove the "UserDir disabled" line above, and uncomment
# the following line instead:
#
    UserDir public_html

</IfModule>

#
# Control access to UserDir directories. The following is an example
# for a site where these directories are restricted to read-only.
#
#<Directory /home/*/public_html>
#   AllowOverride FileInfo AuthConfig Limit
#   Options MultiViews Indexes SymLinksIfOwnerMatch IncludesNoExec
#   <Limit GET POST OPTIONS>
#       Order allow,deny
#       Allow from all
#   </Limit>
#   <LimitExcept GET POST OPTIONS>
#       Order deny,allow
#       Deny from all
#   </LimitExcept>
#</Directory>

#
# DirectoryIndex: sets the file that Apache will serve if a directory
# is requested.
#
# The index.html.var file (a type-map) is used to deliver content -
# negotiated documents. The MultiViews Option can be used for the
# same purpose, but it is much slower.
#
DirectoryIndex index.html index.html.var

#
# AccessFileName: The name of the file to look for in each directory
# for additional configuration directives. See also the AllowOverride
# directive.
#
AccessFileName .htaccess
```

```

#
# The following lines prevent .htaccess and .htpasswd files from being
# viewed by Web clients.
#
<Files ~ "\.ht">
    Order allow,deny
    Deny from all
    Satisfy All
</Files>

#
# TypesConfig describes where the mime.types file (or equivalent) is
# to be found.
#
TypesConfig /etc/mime.types

#
# DefaultType is the default MIME type the server will use for a document
# if it cannot otherwise determine one, such as from filename extensions.
# If your server contains mostly text or HTML documents, "text/plain" is
# a good value. If most of your content is binary, such as applications
# or images, you may want to use "application/octet-stream" instead to
# keep browsers from trying to display binary files as though they are
# text.
#
DefaultType text/plain

#
# The mod_mime_magic module allows the server to use various hints from the
# contents of the file itself to determine its type. The MIMEMagicFile
# directive tells the module where the hint definitions are located.
#
<IfModule mod_mime_magic.c>
    MIMEMagicFile /usr/share/magic.mime
    MIMEMagicFile conf/magic
</IfModule>

#
# HostnameLookups: Log the names of clients or just their IP addresses
# e.g., www.apache.org (on) or 204.62.129.132 (off).
# The default is off because it'd be overall better for the net if people
# had to knowingly turn this feature on, since enabling it means that
# each client request will result in AT LEAST one lookup request to the
# nameserver.
#
HostnameLookups Off

#
# EnableMMAP: Control whether memory-mapping is used to deliver
# files (assuming that the underlying OS supports it).
# The default is on; turn this off if you serve from NFS-mounted
# filesystems. On some systems, turning it off (regardless of
# filesystem) can improve performance; for details, please see
# http://httpd.apache.org/docs/2.2/mod/core.html#enablenmap
#
#EnableMMAP off

#
# EnableSendfile: Control whether the sendfile kernel support is
# used to deliver files (assuming that the OS supports it).
# The default is on; turn this off if you serve from NFS-mounted
# filesystems. Please see
# http://httpd.apache.org/docs/2.2/mod/core.html#enablesendfile
#
#EnableSendfile off

#
# ErrorLog: The location of the error log file.
# If you do not specify an ErrorLog directive within a <VirtualHost>
# container, error messages relating to that virtual host will be
# logged here. If you *do* define an error logfile for a <VirtualHost>
# container, that host's errors will be logged there and not here.
#
ErrorLog logs/error_log

#
# LogLevel: Control the number of messages logged to the error_log.
# Possible values include: debug, info, notice, warn, error, crit,
# alert, emerg.
#
LogLevel warn

#
# The following directives define some format nicknames for use with
# a CustomLog directive (see below).
#
LogFormat "%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"" combined
LogFormat "%h %l %u %t \"%r\" %>s %b" common
LogFormat "%{Referer}i -> %U" referer
LogFormat "%{User-agent}i" agent

#
# "combinedio" includes actual counts of actual bytes received (%I) and sent (%O); this
# requires the mod_logio module to be loaded.
#LogFormat "%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\" %I %O" combinedio

#
# The location and format of the access logfile (Common Logfile Format).
# If you do not define any access logfiles within a <VirtualHost>
# container, they will be logged here. Contrariwise, if you *do*
# define per-<VirtualHost> access logfiles, transactions will be
# logged therein and *not* in this file.
#
#CustomLog logs/access_log common

#
# If you would like to have separate agent and referer logfiles, uncomment
# the following directives.

```

```

#
#CustomLog logs/referer_log referer
#CustomLog logs/agent_log agent

#
# For a single logfile with access, agent, and referer information
# (Combined Logfile Format), use the following directive:
#
CustomLog logs/access_log combined

#
# Optionally add a line containing the server version and virtual host
# name to server-generated pages (internal error documents, FTP directory
# listings, mod_status and mod_info output etc., but not CGI generated
# documents or custom error documents).
# Set to "EMail" to also include a mailto: link to the ServerAdmin.
# Set to one of: On | Off | EMail
#
ServerSignature On

#
# Aliases: Add here as many aliases as you need (with no limit). The format is
# Alias fakename realname
#
# Note that if you include a trailing / on fakename then the server will
# require it to be present in the URL. So "/icons" isn't aliased in this
# example, only "/icons/". If the fakename is slash-terminated, then the
# realname must also be slash terminated, and if the fakename omits the
# trailing slash, the realname must also omit it.
#
# We include the /icons/ alias for FancyIndexed directory listings. If you
# do not use FancyIndexing, you may comment this out.
#
Alias /icons/ "/var/www/icons/"

<Directory "/var/www/icons">
    Options Indexes MultiViews FollowSymLinks
    AllowOverride None
    Order allow,deny
    Allow from all
</Directory>

#
# WebDAV module configuration section.
#
<IfModule mod_dav_fs.c>
    # Location of the WebDAV lock database.
    DAVLockDB /var/lib/dav/lockdb
</IfModule>

#
# ScriptAlias: This controls which directories contain server scripts.
# ScriptAliases are essentially the same as Aliases, except that
# documents in the realname directory are treated as applications and
# run by the server when requested rather than as documents sent to the client.
# The same rules about trailing "/" apply to ScriptAlias directives as to
# Alias.
#
ScriptAlias /cgi-bin/ "/var/www/cgi-bin/"

#
# "/var/www/cgi-bin" should be changed to whatever your ScriptAliased
# CGI directory exists, if you have that configured.
#
<Directory "/var/www/cgi-bin">
    AllowOverride None
    Options None
    Order allow,deny
    Allow from all
</Directory>

#
# Redirect allows you to tell clients about documents which used to exist in
# your server's namespace, but do not anymore. This allows you to tell the
# clients where to look for the relocated document.
# Example:
# Redirect permanent /foo http://www.example.com/bar

#
# Directives controlling the display of server-generated directory listings.
#
#
# IndexOptions: Controls the appearance of server-generated directory
# listings.
IndexOptions FancyIndexing VersionSort NameWidth=* HTMLTable Charset=UTF-8

#
# AddIcon* directives tell the server which icon to show for different
# files or filename extensions. These are only displayed for
# FancyIndexed directories.
#
AddIconByEncoding (CMP,/icons/compressed.gif) x-compress x-gzip

AddIconByType (TXT,/icons/text.gif) text/*
AddIconByType (IMG,/icons/image2.gif) image/*
AddIconByType (SND,/icons/sound2.gif) audio/*
AddIconByType (VID,/icons/movie.gif) video/*

AddIcon /icons/binary.gif .bin .exe
AddIcon /icons/binhex.gif .hqx
AddIcon /icons/tar.gif .tar
AddIcon /icons/world2.gif .wrl .wrl.gz .vrml .vrm .iv
AddIcon /icons/compressed.gif .Z .z .tgz .gz .zip
AddIcon /icons/a.gif .ps .ai .eps
AddIcon /icons/layout.gif .html .shtml .htm .pdf

```

```

AddIcon /icons/text.gif .txt
AddIcon /icons/c.gif .c
AddIcon /icons/p.gif .pl .py
AddIcon /icons/f.gif .for
AddIcon /icons/dvi.gif .dvi
AddIcon /icons/uuencoded.gif .uu
AddIcon /icons/script.gif .conf .sh .shar .csh .ksh .tcl
AddIcon /icons/tex.gif .tex
AddIcon /icons/bomb.gif core

AddIcon /icons/back.gif ..
AddIcon /icons/hand.right.gif README
AddIcon /icons/folder.gif ^^DIRECTORY^^
AddIcon /icons/blank.gif ^^BLANKICON^^

#
# DefaultIcon is which icon to show for files which do not have an icon
# explicitly set.
#
DefaultIcon /icons/unknown.gif

#
# AddDescription allows you to place a short description after a file in
# server-generated indexes. These are only displayed for FancyIndexed
# directories.
# Format: AddDescription "description" filename
#
#AddDescription "GZIP compressed document" .gz
#AddDescription "tar archive" .tar
#AddDescription "GZIP compressed tar archive" .tgz

#
# ReadmeName is the name of the README file the server will look for by
# default, and append to directory listings.
#
# HeaderName is the name of a file which should be prepended to
# directory indexes.
ReadmeName README.html
HeaderName HEADER.html

#
# IndexIgnore is a set of filenames which directory indexing should ignore
# and not include in the listing. Shell-style wildcarding is permitted.
#
IndexIgnore .??* *.* *.HEADER* README* RCS CVS *,v *,t

#
# DefaultLanguage and AddLanguage allows you to specify the language of
# a document. You can then use content negotiation to give a browser a
# file in a language the user can understand.
#
# Specify a default language. This means that all data
# going out without a specific language tag (see below) will
# be marked with this one. You probably do NOT want to set
# this unless you are sure it is correct for all cases.
#
# * It is generally better to not mark a page as
# * being a certain language than marking it with the wrong
# * language!
#
DefaultLanguage nl

#
# Note 1: The suffix does not have to be the same as the language
# keyword --- those with documents in Polish (whose net-standard
# language code is pl) may wish to use "AddLanguage pl .po" to
# avoid the ambiguity with the common suffix for perl scripts.
#
# Note 2: The example entries below illustrate that in some cases
# the two character '\Language\' abbreviation is not identical to
# the two character '\Country\' code for its country,
# E.g. '\Denmark/dk\' versus '\Danish/da\' .
#
# Note 3: In the case of '\ltz\' we violate the RFC by using a three char
# specifier. There is '\work in progress\' to fix this and get
# the reference data for rfc1766 cleaned up.
#
# Catalan (ca) - Croatian (hr) - Czech (cs) - Danish (da) - Dutch (nl)
# English (en) - Esperanto (eo) - Estonian (et) - French (fr) - German (de)
# Greek-Modern (el) - Hebrew (he) - Italian (it) - Japanese (ja)
# Korean (ko) - Luxembourgish (ltz) - Norwegian Nynorsk (nn)
# Norwegian (no) - Polish (pl) - Portugese (pt)
# Brazilian Portuguese (pt-BR) - Russian (ru) - Swedish (sv)
# Simplified Chinese (zh-CN) - Spanish (es) - Traditional Chinese (zh-TW)
#
AddLanguage ca .ca
AddLanguage cs .cz .cs
AddLanguage da .dk
AddLanguage de .de
AddLanguage el .el
AddLanguage en .en
AddLanguage eo .eo
AddLanguage es .es
AddLanguage et .et
AddLanguage fr .fr
AddLanguage he .he
AddLanguage hr .hr
AddLanguage it .it
AddLanguage ja .ja
AddLanguage ko .ko
AddLanguage ltz .ltz
AddLanguage nl .nl
AddLanguage nn .nn
AddLanguage no .no
AddLanguage pl .po
AddLanguage pt .pt
AddLanguage pt-BR .pt-br
AddLanguage ru .ru

```

```

AddLanguage sv .sv
AddLanguage zh-CN .zh-cn
AddLanguage zh-TW .zh-tw

#
# LanguagePriority allows you to give precedence to some languages
# in case of a tie during content negotiation.
#
# Just list the languages in decreasing order of preference. We have
# more or less alphabetized them here. You probably want to change this.
#
LanguagePriority en ca cs da de el eo es et fr he hr it ja ko ltz nl nn no pl pt pt-BR ru sv zh-CN zh-TW

#
# ForceLanguagePriority allows you to serve a result page rather than
# MULTIPLE CHOICES (Prefer) [in case of a tie] or NOT ACCEPTABLE (Fallback)
# [in case no accepted languages matched the available variants]
#
ForceLanguagePriority Prefer Fallback

#
# Specify a default charset for all content served; this enables
# interpretation of all content as UTF-8 by default. To use the
# default browser choice (ISO-8859-1), or to allow the META tags
# in HTML content to override this choice, comment out this
# directive:
#
AddDefaultCharset UTF-8

#
# AddType allows you to add to or override the MIME configuration
# file mime.types for specific file types.
#
#AddType application/x-tar .tgz

#
# AddEncoding allows you to have certain browsers uncompress
# information on the fly. Note: Not all browsers support this.
# Despite the name similarity, the following Add* directives have nothing
# to do with the FancyIndexing customization directives above.
#
#AddEncoding x-compress .Z
#AddEncoding x-gzip .gz .tgz

# If the AddEncoding directives above are commented-out, then you
# probably should define those extensions to indicate media types:
#
AddType application/x-compress .Z
AddType application/x-gzip .gz .tgz

#
# MIME-types for downloading Certificates and CRLs
#
AddType application/x-x509-ca-cert .crt
AddType application/x-pkcs7-crl .crl

#
# AddHandler allows you to map certain file extensions to "handlers":
# actions unrelated to filetype. These can be either built into the server
# or added with the Action directive (see below)
#
# To use CGI scripts outside of ScriptAliased directories:
# (You will also need to add "ExecCGI" to the "Options" directive.)
#
AddHandler cgi-script .cgi

#
# For files that include their own HTTP headers:
#
#AddHandler send-as-is asis

#
# For type maps (negotiated resources):
# (This is enabled by default to allow the Apache "It Worked" page
# to be distributed in multiple languages.)
#
AddHandler type-map var

#
# Filters allow you to process content before it is sent to the client.
#
# To parse .shtml files for server-side includes (SSI):
# (You will also need to add "Includes" to the "Options" directive.)
#
AddType text/html .shtml
AddOutputFilter INCLUDES .shtml

#
# Action lets you define media types that will execute a script whenever
# a matching file is called. This eliminates the need for repeated URL
# pathnames for oft-used CGI file processors.
# Format: Action media/type /cgi-script/location
# Format: Action handler-name /cgi-script/location
#
#
# Customizable error responses come in three flavors:
# 1) plain text 2) local redirects 3) external redirects
#
# Some examples:
#ErrorDocument 500 "The server made a boo boo."
#ErrorDocument 404 /missing.html
#ErrorDocument 404 "/cgi-bin/missing_handler.pl"
#ErrorDocument 402 http://www.example.com/subscription_info.html
#
#

```

```

# Putting this all together, we can internationalize error responses.
#
# We use Alias to redirect any /error/HTTP_<error>.html.var response to
# our collection of by-error message multi-language collections. We use
# includes to substitute the appropriate text.
#
# You can modify the messages\' appearance without changing any of the
# default HTTP_<error>.html.var files by adding the line:
#
#   Alias /error/include/ "/your/include/path/"
#
# which allows you to create your own set of files by starting with the
# /var/www/error/include/ files and
# copying them to /your/include/path/, even on a per-VirtualHost basis.
#

Alias /error/ "/var/www/error/"

<IfModule mod_negotiation.c>
<IfModule mod_include.c>
  <Directory "/var/www/error">
    AllowOverride None
    Options IncludesNoExec
    AddOutputFilter Includes html
    AddHandler type-map var
    Order allow,deny
    Allow from all
    LanguagePriority en es de fr
    ForceLanguagePriority Prefer Fallback
  </Directory>

#   ErrorDocument 400 /error/HTTP_BAD_REQUEST.html.var
#   ErrorDocument 401 /error/HTTP_UNAUTHORIZED.html.var
#   ErrorDocument 403 /error/HTTP_FORBIDDEN.html.var
#   ErrorDocument 404 /error/HTTP_NOT_FOUND.html.var
#   ErrorDocument 405 /error/HTTP_METHOD_NOT_ALLOWED.html.var
#   ErrorDocument 408 /error/HTTP_REQUEST_TIMEOUT.html.var
#   ErrorDocument 410 /error/HTTP_GONE.html.var
#   ErrorDocument 411 /error/HTTP_LENGTH_REQUIRED.html.var
#   ErrorDocument 412 /error/HTTP_PRECONDITION_FAILED.html.var
#   ErrorDocument 413 /error/HTTP_REQUEST_ENTITY_TOO_LARGE.html.var
#   ErrorDocument 414 /error/HTTP_REQUEST_URI_TOO_LARGE.html.var
#   ErrorDocument 415 /error/HTTP_UNSUPPORTED_MEDIA_TYPE.html.var
#   ErrorDocument 500 /error/HTTP_INTERNAL_SERVER_ERROR.html.var
#   ErrorDocument 501 /error/HTTP_NOT_IMPLEMENTED.html.var
#   ErrorDocument 502 /error/HTTP_BAD_GATEWAY.html.var
#   ErrorDocument 503 /error/HTTP_SERVICE_UNAVAILABLE.html.var
#   ErrorDocument 506 /error/HTTP_VARIANT_ALSO_VARIES.html.var

</IfModule>
</IfModule>

#
# The following directives modify normal HTTP response behavior to
# handle known problems with browser implementations.
#
BrowserMatch "Mozilla/2" nokeepalive
BrowserMatch "MSIE 4\\.0b2;" nokeepalive downgrade-1.0 force-response-1.0
BrowserMatch "RealPlayer 4\\.0" force-response-1.0
BrowserMatch "Java/1\\.0" force-response-1.0
BrowserMatch "JDK/1\\.0" force-response-1.0

#
# The following directive disables redirects on non-GET requests for
# a directory that does not include the trailing slash. This fixes a
# problem with Microsoft WebFolders which does not appropriately handle
# redirects for folders with DAV methods.
# Same deal with Apple\'s DAV filesystem and Gnome VFS support for DAV.
#
BrowserMatch "Microsoft Data Access Internet Publishing Provider" redirect-carefully
BrowserMatch "MS FrontPage" redirect-carefully
BrowserMatch "WebDrive" redirect-carefully
BrowserMatch "WebDAVFS/1.[0123]" redirect-carefully
BrowserMatch "gnome-vfs/1.0" redirect-carefully
BrowserMatch "XSL Spy" redirect-carefully
BrowserMatch "Dreamweaver-WebDAV-SCM1" redirect-carefully

#
# Allow server status reports generated by mod_status,
# with the URL of http://servername/server-status
# Change the ".example.com" to match your domain to enable.
#
#<Location /server-status>
#   SetHandler server-status
#   Order deny,allow
#   Deny from all
#   Allow from .example.com
#</Location>

#
# Allow remote server configuration reports, with the URL of
# http://servername/server-info (requires that mod_info.c be loaded).
# Change the ".example.com" to match your domain to enable.
#
#<Location /server-info>
#   SetHandler server-info
#   Order deny,allow
#   Deny from all
#   Allow from .example.com
#</Location>

#
# Proxy Server directives. Uncomment the following lines to
# enable the proxy server:
#
#<IfModule mod_proxy.c>
#ProxyRequests On

```

```

#
#<Proxy *>
#   Order deny,allow
#   Deny from all
#   Allow from .example.com
#</Proxy>

#
# Enable/disable the handling of HTTP/1.1 "Via:" headers.
# ("Full" adds the server version; "Block" removes all outgoing Via: headers)
# Set to one of: Off | On | Full | Block
#
#ProxyVia On

#
# To enable a cache of proxied content, uncomment the following lines.
# See http://httpd.apache.org/docs/2.2/mod/mod_cache.html for more details.
#
#<IfModule mod_disk_cache.c>
#   CacheEnable disk /
#   CacheRoot "/var/cache/mod_proxy"
#</IfModule>
#
#</IfModule>
# End of proxy directives.

### Section 3: Virtual Hosts
#
# VirtualHost: If you want to maintain multiple domains/hostnames on your
# machine you can setup VirtualHost containers for them. Most configurations
# use only name-based virtual hosts so the server doesn't need to worry about
# IP addresses. This is indicated by the asterisks in the directives below.
#
# Please see the documentation at
# <URL:http://httpd.apache.org/docs/2.2/vhosts/>
# for further details before you try to setup virtual hosts.
#
# You may use the command line option '-S' to verify your virtual host
# configuration.

#
# Use name-based virtual hosting.
#
#NameVirtualHost *:80
#
# NOTE: NameVirtualHost cannot be used without a port specifier
# (e.g. :80) if mod_ssl is being used, due to the nature of the
# SSL protocol.
#
#
# VirtualHost example:
# Almost any Apache directive may go into a VirtualHost container.
# The first VirtualHost section is used for requests without a known
# server name.
#
#<VirtualHost *:80>
#   ServerAdmin webmaster@dummy-host.example.com
#   DocumentRoot /www/docs/dummy-host.example.com
#   ServerName dummy-host.example.com
#   ErrorLog logs/dummy-host.example.com-error_log
#   CustomLog logs/dummy-host.example.com-access_log common
#</VirtualHost>
',
),
)

```

Action: *queryMultiplePhpOptions*

Added in version 6.0.16-1389

Description Displays the information available to the action "multiplePhpOptions".

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'enabled_php_versions' =>
    array (
      0 => '/opt/remi/php70',
      1 => '/opt/remi/php71',
    ),
    'default_php_version' => '/opt/remi/php71',
  ),
)

```

Action: *queryUpdatePhpMode*

Added in version 5.1.0-838

Description Displays the information available to the action "updatePhpMode".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'version' => '5.3.3 (base)',
    'php_mode' => 'mod_suphp',
  ),
)
```

Action: *refreshAvailablePhpVersions*

Added in version 6.0.28-1425

Description Refresh available versions of PHP.

Action: *remove*

Added in version 4.8.0-393

Description Http remove Apache module action.

Input Parameters

Name	Type	Notes	Required?
name	struct (string)	Example Values foo_module, auth_basic_module, auth_digest_module, authn_file_module, authn_alias_module, authn_anon_module, authn_dbm_module, authn_default_module, authz_host_module, authz_user_module, authz_owner_module, authz_groupfile_module, authz_dbm_module, authz_default_module, ldap_module, authnz_ldap_module, include_module, log_config_module, logio_module, env_module, ext_filter_module, mime_magic_module, expires_module, deflate_module, headers_module, usertrack_module, setenvif_module, mime_module, dav_module, status_module, autoindex_module, info_module, dav_fs_module, vhost_alias_module, negotiation_module, dir_module, actions_module, speling_module, userdir_module, alias_module, substitute_module, rewrite_module, proxy_module, proxy_balancer_module, proxy_ftp_module, proxy_http_module, proxy_ajp_module, proxy_connect_module, cache_module, suexec_module, ...	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes
------------	--------	---	-----

Action: *resetPhpFpmFiles*

Added in version 6.0.0-1316

Description Delete and recreate InterWorx fpm files.

Action: *restart*

Added in version 4.7.0-339

Description Restarts the service.

Input Parameters

Name	Type	Notes	Required?
cond	integer	Help Entry Restart the service, only if it is currently running. Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *restartPhpFpm*

Added in version 6.0.27-1423

Description Restart all installed versions of php-fpm.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *start*

Added in version 4.7.0-339

Description Starts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set the web server start-on-boot status.**Input Parameters**

Name	Type	Notes	Required?
startonboot	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode***Added in version** 4.7.0-339**Description** Starts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop***Added in version** 4.7.0-339**Description** Stops the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode***Added in version** 4.7.0-339**Description** Stops the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *syncAllConfigFiles***Added in version** 5.0.14-579**Description** Synchronizes all config files.**Action: *syncConfigFiles*****Added in version** 5.0.14-579**Description** Synchronize the config files for a SiteWorx Account.**Input Parameters**

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes

Action: *syncRedirects***Added in version** 5.0.14-579**Description** Write out changes to redirect pointer domain configuration.**Action: *updatePhpMode*****Added in version** 4.7.0-339**Description** Set php installation mode.**Input Parameters**

Name	Type	Notes	Required?
php_mode	string	Help Entry The method the web service uses to connect to PHP. InterWorx strongly recommends avoiding mod_php, which executes all sites as the Apache user and presents a security risk. Example Values mod_suphp, php-fpm Example Default Value mod_suphp	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *updateRrd***Added in version** 4.7.0-339**Description** Show or hide the web server connections RRD graph in the web interface.**Input Parameters**

Name	Type	Notes	Required?
rrd	integer	Help Entry Use the dropdown to turn the web server activity graph on or off. Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win***Added in version** 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 19

Controller: /nodeworx/index

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *getSession*

Added in version 4.7.0-339

Description Gets the session id.

Sample output

```
array (
  'status' => 0,
  'payload' => '523c3987d993a61eac870e65003000c0',
)
```

Action: *getWebsetupStatus*

Added in version 5.0.14-579

Description Get Web Setup status.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 20

Controller: /nodeworx/ip

Required Permissions "IPS"

Action: *activate*

Added in version 5.0.14-579

Description Activate an IP.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Action: *add*

Added in version 4.7.0-339

Description Add an ip address range.

Input Parameters

Name	Type	Notes	Required?
ip_start	string	Description IPv6 or IPv4	Yes
ip_end	string	Description IPv6 or IPv4	Yes
netmask	string		Yes
device	string	Example Values eth0, lo	Yes
type	string	Example Values static, shared	Yes

reseller	integer	Example Values 1, 0	Yes
vip	integer	Example Values 1, 0	Yes

Action: *delete***Added in version** 5.0.14-579**Description** Deletes an IP from the system.**Input Parameters**

Name	Type	Notes	Required?
ip	string	Help Entry #### Example Values 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *edit***Added in version** 5.0.14-579**Description** Edit an IP Address.**Input Parameters**

Name	Type	Notes	Required?
ip	string	Help Entry #### Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes
netmask	string	Example Default Value 255.255.0.0	No*
device	string	Example Values eth0, lo Example Default Value eth0	No*
external_ip	string		No

is_static	integer	Example Values 0, 1 Example Default Value 0	No*
is_reseller	integer	Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *forceRemoveVipStatus*

Added in version 5.1.51-1304

Description Remove VIP Status (internal use).

Input Parameters

Name	Type	Notes	Required?
ip	string	Help Entry #### Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Action: *import*

Added in version 5.0.14-579

Description Imports a system IP to InterWorx.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Example Values 10.1.15.200, fe80::fcb5:65ff:fe2a:a05	Yes

Action: *listIpAddresses*

Added in version 5.0.14-579

Description List ipv4 addresses on the system.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'ipaddr' => '10.1.15.200',
          'ext_ipaddr' => '10.1.15.200',
          'device' => 'eth0',
          'type' => NULL,
          'reseller' => 0,
          'vip' => 0,
          'sys_aware' => 1,
          'iwork_aware' => 0,
          'iwork_managed' => 0,
          'resellers' => '',
          'domains' => '',
          'assigned_to_reseller' => NULL,
          'ssl_domain' => NULL,
          'is_internal' => NULL,
          'siteworx_count' => NULL,
          'version' => '4',
          'netmask' => '255.255.0.0',
        ),
      1 =>
        array (
          'ipaddr' => '2001:db8::d:1101',
          'ext_ipaddr' => '2001:db8::d:1101',
          'device' => 'eth0',
          'type' => 'shared',
          'reseller' => 1,
          'vip' => 1,
          'sys_aware' => 1,
          'iwork_aware' => 1,
          'iwork_managed' => 0,
          'resellers' => '',
          'domains' => '',
          'assigned_to_reseller' => false,
          'ssl_domain' =>
            array (
            ),
          'is_internal' => false,
          'siteworx_count' => 0,
          'version' => '6',
          'netmask' => '64',
        ),
      2 =>
        array (
          'ipaddr' => '2001:db8::d:1102',
          'ext_ipaddr' => '2001:db8::d:1102',
          'device' => 'eth0',
          'type' => 'quorum',
          'reseller' => 1,
          'vip' => 0,
          'sys_aware' => 1,
          'iwork_aware' => 1,
          'iwork_managed' => 0,
          'resellers' => '',
          'domains' => '',
          'assigned_to_reseller' => false,
          'ssl_domain' =>
            array (
            ),
          'is_internal' => false,
          'siteworx_count' => 0,
          'version' => '6',
          'netmask' => '64',
        ),
    ),
  ),
)

```

Action: *queryDomains*

Added in version 5.0.14-579

Description Show domains on an IP address.

Input Parameters

Name	Type	Notes	Required?
ip	string	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
ip	string	Help Entry ##### Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'ip_copy' => '10.1.15.100',
      'netmask' => '255.255.0.0',
      'device' => 'eth0',
      'external_ip' => '',
      'is_static' => '0',
      'is_reseller' => '0',
      'is_vip' => '1',
      'is_locked' => '0',
      'ip' => '10.1.15.100',
    ),
)
```

Action: *queryIPv6Status*

Added in version 5.0.14-579

Description Shows the current IPv6 status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'section' => '##LG_IPV6_STATUS##',
          'option' => '##LG_IPV6_CAPABLE##',
          'qh' => '<span class=\''iw-qh\''><span class=\''quickhelp\'' data-qh=\''Checks to see if the Linux kernel has been compiled with IPv6 support\''?</span></span>',
          'value' => '##LG_YES##',
        ),
      1 =>
        array (
          'section' => '##LG_IPV6_STATUS##',
          'option' => '##LG_IPV6_ENABLED##',
          'qh' => '<span class=\''iw-qh\''><span class=\''quickhelp\'' data-qh=\''IPv6 may be disabled in InterWorx. This indicator shows the status as far as InterWorx is concern',
          'value' => '##LG_YES##',
        ),
      2 =>
        array (
          'section' => '##LG_IPV6_STATUS##',
          'option' => '##LG_IPV6_CLUSTERING##',
          'qh' => '<span class=\''iw-qh\''><span class=\''quickhelp\'' data-qh=\''This indicator shows whether the system is running the correct versions of vsadm and the Linux',
          'value' => '##LG_YES##',
        ),
    ),
)
```

Action: *queryResellers*

Added in version 5.0.14-579

Description Shows resellers that have access to an IP address.

Input Parameters

Name	Type	Notes	Required?
ip	string	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Action: *querySiteworxAccounts***Added in version** 5.0.14-579**Description** Show siteworx accounts that have access to an IP address.**Input Parameters**

Name	Type	Notes	Required?
ip	string	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *syncIpData*****Added in version** 5.0.14-579**Description** Synchronizes IP data from the CM to the Node.**Input Parameters**

Name	Type	Notes	Required?
ip	string	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 21

Controller: /nodeworx/ip/sites

Required Permissions "IPS"

Action: *defaultSitesStatus*

Added in version 4.8.0-393

Description Change the status of the Default Sites feature.

Input Parameters

Name	Type	Notes	Required?
status	integer	Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *disableDefaultSites*

Added in version 4.8.0-393

Description Disables default sites feature.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *enableDefaultSites*

Added in version 4.8.0-393

Description Enables default sites feature.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listIpDefaultSites*

Added in version 4.8.0-393

Description List the sites IPs redirect to when requested like http://ip.ad.dr.es/.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'ip' => '10.1.15.100',
          'location' => '/var/www/html',
          'domains' => 'example.com, secondary.com',
        ),
      1 =>
        array (
          'ip' => '10.1.15.101',
          'location' => '/var/www/html',
          'domains' => '',
        ),
      2 =>
        array (
          'ip' => '10.1.15.102',
          'location' => '/var/www/html',
          'domains' => '',
        ),
    ),
)
```

Action: *queryDefaultSitesStatus*

Added in version 5.1.0-838

Description Displays the information available to the action "defaultSitesStatus".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'status' => '1',
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *updateIpDefaultSites*

Added in version 4.8.0-393

Description Change the locations IPs redirect to when requested like <http://ip.ad.dr.es/>.

Input Parameters

Name	Type	Notes	Required?
ip	struct (string)	Help Entry ##### Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104, 2001:db8::d:1101, 2001:db8::d:1102	Yes
site	string	Description Leave blank for default Help Entry This is the web location that the browser will be redirected to if they navigate directly to the IP address in their browser, i.e. http://203.0.113.22/ . If you chose a blank value, the request will display a "default" splash page. The files for the default splash page are at <code>/var/www/html/</code> . You can choose one of the domains on that IP address, or any other domain you prefer.	No

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 22

Controller: /nodeworx/ipv6

Required Permissions "IPS"

Action: *addPool*

Added in version 5.0.14-579

Description Add a new IPv6 Pool.

Input Parameters

Name	Type	Notes	Required?
nickname	string		Yes
ipv6_with_cidr	string	Description CIDR Notation Help Entry Use Classless Inter Domain Routing (CIDR) notation to designate a block of IPs to use in the pool - for example, 2001:db8::/32. The CIDR is used to define the size of the pool to pull from, not the netmask of the resulting IPs.	Yes
cidr	integer	Description CIDR Notation Help Entry Netmask to use with IPs pulled from the pool. Example Default Value 128	No*
subpool_size	integer	Description CIDR Notation Help Entry This value determines the size of smaller, dedicated Subpools that will be generated from the parent. Each Subpool will be dedicated to a single SiteWorx account, allowing easier management of IPv6 networking. To disable the feature, leave the Subpool Size the same as the CIDR of the Pool itself.	Yes
device	string	Example Values eth0, lo	Yes

gateway	string		Yes
distribution_policy	string	Help Entry The Distribution Policy controls how IPv6 Addresses are assigned from the pool. Example Values random, sequential Example Default Value sequential	No*
reseller_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *addReservation*

Added in version 5.0.14-579

Description Add a reserved IP or range.

Input Parameters

Name	Type	Notes	Required?
range_start	string	Description IPv6 Address	Yes
range_end	string	Description IPv6 Address	Yes
note	string		No

Action: *deletePool*

Added in version 5.0.14-579

Description Delete an unused IPv6 Pool.

Input Parameters

Name	Type	Notes	Required?
pool	struct (string)	Example Values dead::/64, dead::/24	Yes

Action: *deleteReservation*

Added in version 5.0.14-579

Description Delete a reserved IP or range.

Input Parameters

Name	Type	Notes	Required?
id	struct (integer)		Yes

Action: *editPool*

Added in version 5.0.14-579

Description Edit an IPv6 Pool.**Input Parameters**

Name	Type	Notes	Required?
pool	string	Example Values dead::/64, dead::/24	Yes
nickname	string	Example Default Value ##LG_IPV6_SUBPOOL_OF_X Pool Test##	No*
cidr	integer	Description CIDR Notation Help Entry Netmask to use with IPs pulled from the pool. Example Default Value 128	No*
device	string	Example Values eth0, lo Example Default Value eth0	No*
gateway	string	Example Default Value dead::beef/24	No*
reseller_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editReservation*

Added in version 5.0.14-579

Description Edit a reserved IP or range.**Input Parameters**

Name	Type	Notes	Required?
id	integer		Yes
range_start	string	Description IPv6 Address Example Default Value dead::beef/24	No*
range_end	string	Description IPv6 Address Example Default Value dead::beef/24	No*

note	string	Example Default Value ##LG_IPV6_RESERVED_GATEWAY Pool Test##	No
------	--------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listPools*

Added in version 5.0.14-579

Description Lists information about configured IPv6 Pools.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'cidr_format' => 'dead::/64',
          'nickname' => '##LG_IPV6_SUBPOOL_OF_X|Pool Test##',
          'range_start' => '295986882420777848964380943247191572480',
          'range_end' => '295986882420777848982827687320901124095',
          'distribution_policy' => 'sequential',
          'dedicated_reseller_id' => '0',
          'device' => 'eth0',
          'netmask_cidr' => '128',
          'dedicated_siteworx_id' => '0',
          'reseller_count' => '0',
          'used_by' => NULL,
          'parent_id' => '2',
        ),
      1 =>
        array (
          'cidr_format' => 'dead::/24',
          'nickname' => 'Pool Test',
          'range_start' => '295986882420777848964380943247191572480',
          'range_end' => '295986902703187452616051367194442858495',
          'distribution_policy' => 'sequential',
          'dedicated_reseller_id' => '0',
          'device' => 'eth0',
          'netmask_cidr' => '128',
          'dedicated_siteworx_id' => '0',
          'reseller_count' => '0',
          'used_by' => NULL,
          'parent_id' => '0',
        ),
    ),
)
```

Action: *listReserved*

Added in version 5.0.14-579

Description Lists information reserved IPv6 addresses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'id' => '1',
          'range_start' => ':::1',
          'range_end' => ':::1',
          'note' => '##LG_IPV6_RESERVED_LOOPBACK##',
        ),
      1 =>
        array (
          'id' => '3',
          'range_start' => 'dead::beef/24',
        ),
    ),
)
```

```

'range_end' => 'dead::beef/24',
'note' => '##LG_IPV6_RESERVED_GATEWAY|Pool Test##',
),
)

```

Action: *queryEditPool*

Added in version 5.1.0-838

Description Displays the information available to the action "editPool".

Input Parameters

Name	Type	Notes	Required?
pool	string	Example Values dead::/64, dead::/24	Yes

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'nickname' => '##LG_IPV6_SUBPOOL_OF_X|Pool Test##',
      'ipv6_with_cidr' => 'dead::/64',
      'cidr' => '128',
      'subpool_size' => '64',
      'device' => 'eth0',
      'gateway' => 'dead::beef/24',
      'distribution_policy' => 'sequential',
      'reseller_id' => '0',
      'pool' => 'dead::/64',
    ),
)

```

Action: *queryEditReservation*

Added in version 5.1.0-838

Description Displays the information available to the action "editReservation".

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'range_start' => 'dead::beef/24',
      'range_end' => 'dead::beef/24',
      'note' => '##LG_IPV6_RESERVED_GATEWAY|Pool Test##',
      'id' => '3',
    ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 23

Controller: /nodeworx/lang

Required Permissions "LANGUAGES"

Action: *add*

Added in version 4.7.0-339

Description Add a new language.

Input Parameters

Name	Type	Notes	Required?
code	string	Example Values , ab, aa, af, sq, am, ar, hy, as, ay, az, ba, eu, bn, dz, bh, bi, br, bg, my, be, km, ca, zh, co, hr, cs, da, nl, en-uk, en-us, eo, et, fo, fj, fi, fr, fy, gd, gl, ka, de, el, kl, gn, gu, ha, iw, hi, hu, ...	Yes
lang_file	string		Yes

Action: *changeCurrentUserLanguage*

Added in version 4.8.0-393

Description Change the current language.

Action: *delete*

Added in version 4.7.0-339

Description Delete a language file.

Input Parameters

Name	Type	Notes	Required?
code	string	Example Values pl, de, ru, it, tr, hu, sv, sk, es, zh, da, nl, fr, cs, pt	Yes

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *listLanguages*

Added in version 4.8.0-393

Description List languages available for use in interworx.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'code' => 'pl',
      'language' => 'Polish',
      'status' => 'unused',
    ),
    1 =>
    array (
      'code' => 'de',
      'language' => 'German',
      'status' => 'unused',
    ),
    2 =>
    array (
      'code' => 'ru',
      'language' => 'Russian',
      'status' => 'unused',
    ),
  ),
)
```

Action: *queryChangeCurrentUserLanguage*

Added in version 5.1.0-838

Description Displays the information available to the action "changeCurrentUserLanguage".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'language_copy' => 'en-us',
    'language' => 'en-us',
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *syncLanguage***Added in version** 4.7.0-339**Description** Trigger language synchronization for a node.**Input Parameters**

Name	Type	Notes	Required?
code	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 24

Controller: /nodeworx/logout

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *logout*

Added in version 4.8.0-393

Description Logout of NodeWorx.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 25

Controller: /nodeworx/logs

Required Permissions "IWORXLOGS"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *view*

Added in version 4.7.0-339

Description View system logs.

Input Parameters

Name	Type	Notes	Required?
group	string	Example Values IWorx, Dns, System, Ftp, Mysql, Ssh, Mail, Http	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 26

Controller: /nodeworx/mail/imap

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (  
  'status' => 0,  
  'payload' => true,  
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_IMAP##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '143',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 143,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'imap4',
      'name' => '##LG_IMAP##',
      'ports' => '143',
      'page' => '/nodeworx/mail/mda',
      'ctrl' => '/nodeworx/mail/imap',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'imap4',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mda',
)
```

Action: *queryUpdate***Added in version** 5.1.0-838**Description** Displays the information available to the action "update".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'imap_version' => '2.1.2 (courier-imap)',
    'imap_mem_limit' => '256000000',
    'imap_max_connections' => '40',
    'imap_secure_mem_limit' => '256000000',
    'imap_secure_max_connections' => '40',
  ),
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot***Added in version** 4.7.0-339**Description** Action function that handles imap4 start-on-boot status changing.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

mda_imap_startonb	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *update***Added in version** 4.7.0-339**Description** Update IMAP4 server settings.**Input Parameters**

Name	Type	Notes	Required?
imap_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
imap_max_connections	integer	Example Default Value 40	No*
imap_secure_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
imap_secure_max_connections	integer	Example Default Value 40	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win***Added in version** 4.7.0-339**Description** Magic function - test for testing success mechanism.

Chapter 27

Controller: /nodeworx/mail/mda

Required Permissions "EMAIL"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *startOnBootIMAP4*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailImap::startOnBoot

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

mda_imap_startonboot	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnBootPop3*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailPop3::startOnBoot

Input Parameters

Name	Type	Notes	Required?
mda_pop_startonboot	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnBootSIMAP4*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailSImap::startOnBoot

Input Parameters

Name	Type	Notes	Required?
mda_simap_startonboot	integer	Example Values 1, 0 Example Default Value 1	No*

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnBootSPOP3*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailSpop3::startOnBoot

Input Parameters

Name	Type	Notes	Required?
mda_spop_startonboot	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *updateImap*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailImap::update

Input Parameters

Name	Type	Notes	Required?
imap_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
imap_max_connections	integer	Example Default Value 40	No*

imap_secure_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
imap_secure_max_connections	integer	Example Default Value 40	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *updatePop3*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailPop3::update

Input Parameters

Name	Type	Notes	Required?
pop3_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
pop3_max_connections	integer	Example Default Value 200	No*
pop3_secure_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
pop3_secure_max_connections	integer	Example Default Value 40	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 28

Controller: /nodeworx/mail/mta

Required Permissions "EMAIL"

Action: *disableLocalDelivery*

Added in version 4.8.0-393

Description Bulk Disable local mail delivery for domains on the system.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values secondary.com, pointer.com, example.com, sub.example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *enableLocalDelivery*

Added in version 4.8.0-393

Description Bulk Enable local mail delivery for domains on the system.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values secondary.com, pointer.com, example.com, sub.example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *queryUpdateBounce*

Added in version 5.1.0-838

Description Displays the information available to the action "updateBounce".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'bounce_from' => 'mailer-daemon',
      'bounce_host' => 'pi.unit.interworx.com',
      'double_bounce_messages' => '0',
      'double_bounce_to' => 'doublebounce',
      'double_bounce_host' => 'pi.unit.interworx.com',
    ),
)
```

Action: *queryUpdateGeneral*

Added in version 5.1.0-838

Description Displays the information available to the action "updateGeneral".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'mailserver_hostname' => 'pi.unit.interworx.com',
      'default_domain' => 'unit.interworx.com',
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *updateBounce*

Added in version 4.7.0-339

Description Update the mail server "bounce" settings.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

bounce_from	string	Help Entry The email address / user that bounced messages are sent as. Example Default Value mailer-daemon	No*
bounce_host	string	Help Entry The hostname or IP that bounced messages are sent as. Example Default Value p1.unit.interworx.com	No*
double_bounce_messages	integer	Help Entry Setting this to 'yes' will allow Qmail to double bounce e-mail messages. Example Values 1, 0 Example Default Value 0	No*
double_bounce_to	string	Help Entry The e-mail address to double bounce messages to. Example Default Value doublebounce	No*
double_bounce_host	string	Help Entry The hostname or IP that double bounced messages are sent as. Example Default Value p1.unit.interworx.com	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *updateGeneral*

Added in version 4.7.0-339

Description Update mail server default-domain and hostname.

Input Parameters

Name	Type	Notes	Required?
mailserver_hostname	string	Help Entry The mail server hostname. Example Default Value p1.unit.interworx.com	No*

default_domain	string	Help Entry The default domain appending to any address that does not include a domain portion (i.e. a missing @domain.com will be translated to use the default domain). Example Default Value unit.interworx.com	No
----------------	--------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *updateInbound*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailSmtplib::updateInbound

Input Parameters

Name	Type	Notes	Required?
smtp_greeting	string	Help Entry The SMTP greeting shown to mail servers when they connect to the SMTP daemon on this server. This must begin with a fully qualified domain name (FQDN) per RFC 2821. Example Default Value pl.unit.interworx.com InterWorx-CP SMTP Server	No*
concurrency_incoming	integer	Help Entry The total number of inbound remote connections allowed simultaneously. Example Default Value 20	No*
timeout_smtpd	integer	Description In Seconds Help Entry The max seconds to wait for communication for inbound SMTP connections. Example Default Value 1200	No*
databytes	integer	Description MB, (0 is Unlimited) Help Entry Maximum filesize (in megabytes) allowed for incoming messages Example Default Value 20	No*
mta_level_outgoing_blacklist	string (address)	blacklist	No

mta_level_email_address_blacklist	boolean	<p>Help Entry The MTA level blacklist allows you to blacklist e-mail addresses at a very low level so they are denied before further processing takes place.</p> <p>Example Default Value [".*\\ @.*", "!.*@.*\\..*", ".*%.*"]</p>	No
realtime_sbl_blacklist	string	<p>Example Default Value ["bl.spamcop.net"]</p>	No
cascade_to_nodes	integer	<p>Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually</p> <p>Example Values 1</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *updateOutbound*

Added in version 4.7.0-339

Description Deprecated.

Warning This action has been deprecated as of version 4.2.0-260. Use Ctrl_Nodeworx_MailSend::update

Input Parameters

Name	Type	Notes	Required?
concurrency_remote	integer	<p>Help Entry The concurrency remote tells Qmail the maximum number of outbound connections that it can have open at any one time.</p> <p>Example Default Value 255</p>	No*
timeout_remote	integer	<p>Description In Seconds</p> <p>Help Entry "Timeout Remote" changes the amount of time that Qmail will wait for a remote connection to respond to most communications.</p> <p>Example Default Value 600</p>	No*
timeout_connect	integer	<p>Description In Seconds</p> <p>Help Entry "Timeout Connect" changes the amount of time that Qmail will wait for a remote connection to an SMTP server.</p> <p>Example Default Value 60</p>	No*

queue_lifetime	integer	Description In Seconds Help Entry Queue lifetime limits the number of seconds that a mail entry will live in the queue before it is delivered or purged. Example Default Value 604800	No*
smtp_routes	struct (string)	Help Entry Artificial SMTP routes. If the domain matches the host, qmail-remote will connect to relay, as if host had relay as its only MX Record. The syntax for this field is [domain]:[destination server] and [domain] may be blank if you want all mail to be routed to [destination server]	No
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *updateRrd*

Added in version 4.7.0-339

Description Show or hide the mail server RRD graph in the web interface.

Input Parameters

Name	Type	Notes	Required?
rrd	integer	Help Entry A graph showing the number of messages in the queue. Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 29

Controller: /nodeworx/mail/pop3

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_POP3##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '110',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 110,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'pop3',
      'name' => '##LG_POP3##',
      'ports' => '110',
      'page' => '/nodeworx/mail/mda',
      'ctrl' => '/nodeworx/mail/pop3',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'pop3',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mda',
)
```

Action: *queryUpdate***Added in version** 5.1.0-838**Description** Displays the information available to the action "update".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'pop3_version' => '1.03 (qmail-pop3d)',
    'pop3_mem_limit' => '256000000',
    'pop3_max_connections' => '200',
    'pop3_secure_mem_limit' => '256000000',
    'pop3_secure_max_connections' => '40',
  ),
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot***Added in version** 4.7.0-339**Description** Set pop3 start-on-boot status.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

mda_pop_startonbo	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *update***Added in version** 4.7.0-339**Description** Update POP3 server settings.**Input Parameters**

Name	Type	Notes	Required?
pop3_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
pop3_max_connections	integer	Example Default Value 200	No*
pop3_secure_mem_limit	integer	Description (In Bytes) Example Default Value 256000000	No*
pop3_secure_max_connections	integer	Example Default Value 40	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win***Added in version** 4.7.0-339**Description** Magic function - test for testing success mechanism.

Chapter 30

Controller: /nodeworx/mail/queue

Required Permissions "EMAIL"

Action: *delete*

Added in version 4.8.0-393

Description Delete messages from the queue.

Input Parameters

Name	Type	Notes	Required?
message_id	struct (integer)		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *expire*

Added in version 4.8.0-393

Description Expire messages in the queue.

Input Parameters

Name	Type	Notes	Required?
message_id	struct (integer)		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listStats*

Added in version 4.8.0-393

Description Lists information about current queue statistics.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'queue' => 'remote',
      'count' => '0',
    ),
    1 =>
    array (
      'queue' => 'local',
      'count' => '0',
    ),
    2 =>
    array (
      'queue' => 'todo',
      'count' => '0',
    ),
  ),
)

```

Action: *process*

Added in version 4.7.0-339

Description Sends the ALRM signal to qmail, which tells it to process the mail queue.**Action: *purge***

Added in version 4.7.0-339

Description Purge mail queue.**Input Parameters**

Name	Type	Notes	Required?
queue	struct (string)	Help Entry Use the dropdown to purge emails sitting in the selected queues. Example Values all, remote, local, todo	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *queryQueue*

Added in version 4.8.0-393

Description Lists the contents of the selected queue.**Input Parameters**

Name	Type	Notes	Required?
queue	string	Help Entry Use the dropdown to choose which email queue to view the message id, date, size, from and to of the emails within. Example Values all, remote, local, todo	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *sendTestMessage*

Added in version 4.8.0-393

Description Send a test message to see if the mail delivery is working.

Input Parameters

Name	Type	Notes	Required?
email	string		Yes
subject	string		Yes
body	string		No

Action: *unexpire*

Added in version 4.8.0-393

Description Unexpire messages in the queue.

Input Parameters

Name	Type	Notes	Required?
message_id	struct (integer)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 31

Controller: /nodeworx/mail/send

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_OUTBOUND_MAIL##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_NOT_APPLICABLE##',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => '##LG_NOT_APPLICABLE##',
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'send',
      'name' => '##LG_OUTBOUND_MAIL##',
      'ports' => '##LG_NOT_APPLICABLE##',
      'page' => '/nodeworx/mail/mta',
      'ctrl' => '/nodeworx/mail/send',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'send',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mta',
)
```

Action: *queryUpdate***Added in version** 5.1.0-838**Description** Displays the information available to the action "update".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'concurrency_remote' => '255',
    'timeout_remote' => '600',
    'timeout_connect' => '60',
    'queue_lifetime' => '604800',
    'smtp_routes' =>
    array (
    ),
  ),
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnNode***Added in version** 4.7.0-339**Description** Starts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

node_id	string		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *stop***Added in version** 4.7.0-339**Description** Stops the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode***Added in version** 4.7.0-339**Description** Stops the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *update***Added in version** 4.7.0-339**Description** Update misc outbound mail server settings.**Input Parameters**

Name	Type	Notes	Required?
concurrency_remote	integer	Help Entry The concurrency remote tells Qmail the maximum number of outbound connections that it can have open at any one time. Example Default Value 255	No*

timeout_remote	integer	<p>Description In Seconds</p> <p>Help Entry "Timeout Remote" changes the amount of time that Qmail will wait for a remote connection to respond to most communications.</p> <p>Example Default Value 600</p>	No*
timeout_connect	integer	<p>Description In Seconds</p> <p>Help Entry "Timeout Connect" changes the amount of time that Qmail will wait for a remote connection to an SMTP server.</p> <p>Example Default Value 60</p>	No*
queue_lifetime	integer	<p>Description In Seconds</p> <p>Help Entry Queue lifetime limits the number of seconds that a mail entry will live in the queue before it is delivered or purged.</p> <p>Example Default Value 604800</p>	No*
smtp_routes	struct (string)	<p>Help Entry Artificial SMTP routes. If the domain matches the host, qmail-remote will connect to relay, as if host had relay as its only MX Record. The syntax for this field is [domain]:[destination server] and [domain] may be blank if you want all mail to be routed to [destination server]</p>	No
cascade_to_nodes	integer	<p>Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually</p> <p>Example Values 1</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 32

Controller: /nodeworx/mail/simap

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_SECURE_IMAP##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '993',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 993,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'imap4-ssl',
      'name' => '##LG_SECURE_IMAP##',
      'ports' => '993',
      'page' => '/nodeworx/mail/mda',
      'ctrl' => '/nodeworx/mail/simap',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'imap4-ssl',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mda',
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set secure imap4 start-on-boot status.

Input Parameters

Name	Type	Notes	Required?
mda_simap_startonboot	integer	Example Values 1, 0 Example Default Value 1	No*

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 33

Controller: /nodeworx/mail/smtp

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_SMTPSERVER##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '25',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 25,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'smtp',
      'name' => '##LG_SMTPSERVER##',
      'ports' => '25',
      'page' => '/nodeworx/mail/mta',
      'ctrl' => '/nodeworx/mail/smtp',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'smtp',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mta',
)
```

Action: *queryUpdate***Added in version** 5.1.0-838**Description** Displays the information available to the action "update".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'version' => '1.03 (qmail)',
    'primary_smtp_port' => '25',
    'auth_mode' => 'auth_optional/tls_optional',
  ),
)
```

Action: *queryUpdateInbound***Added in version** 5.1.0-838**Description** Displays the information available to the action "updateInbound".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'smtp_greeting' => 'p1.unit.interworx.com InterWorx-CP SMTP Server',
    'concurrency_incoming' => '20',
    'timeout_smtpd' => '1200',
    'databytes' => '20',
    'mta_level_outgoing_email_address_blacklist' =>
    array (
    ),
    'mta_level_email_address_blacklist' =>
    array (
      0 => '.*\ 0.*',
      1 => '!.*.*\...*',
      2 => '.*%.*',
    ),
    'realtime_sbl_blacklists' =>
    array (
      0 => 'bl.spamcop.net',
    ),
  ),
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnNode***Added in version** 4.7.0-339**Description** Starts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop***Added in version** 4.7.0-339**Description** Stops the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode***Added in version** 4.7.0-339**Description** Stops the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *update***Added in version** 4.7.0-339**Description** Change the auth settings for the primary SMTP server.

Input Parameters

Name	Type	Notes	Required?
auth_mode	string	Example Values auth_no/tls_no, auth_no/tls_optional, auth_optional/tls_no, auth_withtls/tls_optional, auth_optional/tls_optional Example Default Value auth_optional/tls_optional	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *updateInbound*

Added in version 4.7.0-339

Description Update misc inbound mail server settings.

Input Parameters

Name	Type	Notes	Required?
smtp_greeting	string	Help Entry The SMTP greeting shown to mail servers when they connect to the SMTP daemon on this server. This must begin with a fully qualified domain name (FQDN) per RFC 2821. Example Default Value p1.unit.interworx.com InterWorx-CP SMTP Server	No*
concurrency_incoming	integer	Help Entry The total number of inbound remote connections allowed simultaneously. Example Default Value 20	No*
timeout_smtpd	integer	Description In Seconds Help Entry The max seconds to wait for communication for inbound SMTP connections. Example Default Value 1200	No*
databytes	integer	Description MB, (0 is Unlimited) Help Entry Maximum filesize (in megabytes) allowed for incoming messages Example Default Value 20	No*

mta_level_outgoing_smtpd (string)	blacklist		No
mta_level_email_address_blacklist (string)	Help Entry The MTA level blacklist allows you to blacklist e-mail addresses at a very low level so they are denied before further processing takes place. Example Default Value [".*\\ @.*", "!.*@.*\\..*", ".*%.*"]		No
realtime_sbl_blacklist (string)	Example Default Value ["bl.spamcop.net"]		No
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 34

Controller: /nodeworx/mail/smtp2

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => false,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_ALTERNATE_INBOUND_SMTP_SERVER ##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => 'Success',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => '',
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'smtp2',
      'name' => '##LG_ALTERNATE_INBOUND_SMTP_SERVER ##',
      'ports' => '',
      'page' => '/nodeworx/mail/mta',
      'ctrl' => '/nodeworx/mail/smtp2',
      'is_running' => 0,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'smtp2',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mta',
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *update*

Added in version 4.7.0-339

Description Change the auth settings for the alternate port SMTP server.**Input Parameters**

Name	Type	Notes	Required?
alternate_smtp_port	integer	Description Port 587 Recommended Help Entry This is the port for running your alternate SMTP server. The default (and recommended) port is 587 but can be any usable port on the box. Example Default Value 587	No*
auth_mode	string	Example Values auth_yes/tls_yes, auth_yes/tls_optional Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 35

Controller: /nodeworx/mail/spam

Required Permissions "EMAIL"

Action: *addAdvanced*

Added in version 4.7.0-339

Description Displays the add advanced form.

Input Parameters

Name	Type	Notes	Required?
preference	string	Example Values add_header, all_spam_to, always_trust_envelope_sender, auto_whitelist_db_modules, auto_whitelist_factor, bayes_auto_expire, bayes_auto_learn_threshold_nonspam, bayes_auto_learn_threshold_spam, bayes_expiry_max_db_size, bayes_ignore_from, bayes_ignore_header, bayes_ignore_header header_name, bayes_ignore_to, bayes_journal_max_size, bayes_learn_during_report, bayes_learn_to_journal, bayes_min_ham_num, bayes_min_spam_num, bayes_use_chi2_combining, bayes_use_hapaxes, blacklist_to, clear_headers, clear_report_template, clear_unsafe_report_template, dcc_body_max, dcc_fuz1_max, dcc_fuz2_max, dcc_timeout, def_whitelist_auth, def_whitelist_from_rcvd, describe, dns_available, envelope_sender_header, fold_headers, internal_networks, lock_method, more_spam_to, ok_languages, ok_locales, pyzor_max, pyzor_options, pyzor_timeout, razor_timeout, rbl_timeout, remove_header, report, report_charset, report_contact, report_hostname, report_safe_copy_headers, ...	Yes
value	string		Yes

Action: *autoRestart*

Added in version 4.7.0-339

Description Set the spamassassin auto-restart status.

Input Parameters

Name	Type	Notes	Required?
spam_autorestart	integer	Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *deleteAdvanced*

Added in version 4.7.0-339

Description Delete advanced spamassassin configuration.

Input Parameters

Name	Type	Notes	Required?
pref_id	struct (integer)		Yes

Action: *editAdvanced*

Added in version 4.7.0-339

Description Edit advanced spamassassin configuration.

Input Parameters

Name	Type	Notes	Required?
pref_id	integer		Yes
value	string	Example Default Value test	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_SPAM_FILTERING##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-seperated.

Sample output

```
array (
  'status' => 0,
  'payload' => '783',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 783,
    ),
)
```

Action: *listPreferences*

Added in version 4.8.0-393

Description Lists information about current spam preferences.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    6 =>
    array (
      'prefid' => '6',
      'username' => '@GLOBAL',
      'preference' => 'add_header',
      'value' => 'test',
      'is_invalid_nw' => false,
      'is_invalid_sw' => false,
    ),
    5 =>
    array (
      'prefid' => '5',
      'username' => '@GLOBAL',
      'preference' => 'bayes_auto_learn',
      'value' => '1',
      'is_invalid_nw' => true,
      'is_invalid_sw' => false,
    ),
    1 =>
    array (
      'prefid' => '1',
      'username' => '@GLOBAL',
      'preference' => 'report_safe',
      'value' => '1',
      'is_invalid_nw' => true,
      'is_invalid_sw' => true,
    ),
    3 =>
    array (
      'prefid' => '3',
      'username' => '@GLOBAL',
      'preference' => 'rewrite_header subject',
      'value' => '',
      'is_invalid_nw' => true,
      'is_invalid_sw' => true,
    ),
    2 =>
    array (
      'prefid' => '2',
      'username' => '@GLOBAL',
      'preference' => 'use_auto_whitelist',
      'value' => '1',
      'is_invalid_nw' => true,
      'is_invalid_sw' => false,
    ),
    4 =>
    array (
      'prefid' => '4',
      'username' => '@GLOBAL',
      'preference' => 'use_bayes',
      'value' => '1',
      'is_invalid_nw' => true,
      'is_invalid_sw' => false,
    ),
  ),
)

```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 => 'EMAIL',
  ),
)

```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'spamassassin',
      'name' => '##LG_SPAM_FILTERING##',
      'ports' => '783',
      'page' => '/nodeworx/mail/spam',
      'ctrl' => '/nodeworx/mail/spam',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'spamassassin',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/spam',
)
```

Action: *queryAutoRestart***Added in version** 5.1.0-838**Description** Displays the information available to the action "autoRestart".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'spam_autorestart' => '0',
    ),
)
```

Action: *queryEditAdvanced***Added in version** 5.1.0-838**Description** Displays the information available to the action "editAdvanced".**Input Parameters**

Name	Type	Notes	Required?
pref_id	integer		Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'preference' => 'add_header',
    'value' => 'test',
    'pref_id' => '6',
  ),
)
```

Action: *queryUpdateBayes***Added in version** 5.1.0-838**Description** Displays the information available to the action "updateBayes".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'bayes_scanning' => '1',
    'bayes_auto_learn' => '1',
    'bayes_lmep_training' => '1',
    'bayes_lmep_training_limit' => '250',
    'global_bayes_database' => '0',
  ),
)
```

Action: *queryUpdateLists***Added in version** 5.1.0-838**Description** Displays the information available to the action "updateLists".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'global_whitelist' =>
    array (
    ),
    'global_blacklist' =>
    array (
    ),
    'trusted_networks' =>
    array (
    ),
  ),
)
```

Action: *queryUpdateOptions***Added in version** 5.1.0-838**Description** Displays the information available to the action "updateOptions".**Sample output**

```

array (
  'status' => 0,
  'payload' =>
    array (
      'smtp_level_scanning' => '0',
      'smtp_level_spam_score' => '95',
      'spam_max_filesize' => '262144',
      'rewrite_header_subject' => '',
      'report_safe' => '1',
      'use_auto_whitelist' => '1',
    ),
)

```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode***Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

node_id	string		No*
* indicates that it's actually required, but probably already has a valid default value			

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startonboot***Added in version** 4.7.0-339**Description** Set the spamassassin start-on-boot status.**Input Parameters**

Name	Type	Notes	Required?
startonboot	integer	Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode***Added in version** 4.7.0-339**Description** Starts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop***Added in version** 4.7.0-339**Description** Stops the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode***Added in version** 4.7.0-339**Description** Stops the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *updateBayes***Added in version** 4.7.0-339**Description** Update spamassassin bayes configuration.**Input Parameters**

Name	Type	Notes	Required?
bayes_scanning	integer	Help Entry Use the dropdown to enable or disable Bayes scanning. Given training, Bayes will learn which emails are most likely spam and most likely ham (not spam) and deal with these emails according to your preferences. Example Values 1, 0 Example Default Value 1	No*

bayes_auto_learn	integer	<p>Help Entry Use the dropdown to enable or disable Bayes auto learning. If enabled, the system will automatically train the Bayes database by analyzing messages that have a score that strongly suggests that they are spam or non-spam.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
bayes_imap_training	integer	<p>Help Entry Use the dropdown to enable or disable IMAP training. With Bayes IMAP training enabled, there will be two folders created for all e-mail accounts on the system: "Learn Spam" and "Learn Ham". You can then put SPAM emails in the "Learn Spam" folder and non-spam in the "Learn Ham" folder. This will train the Bayes system on which emails are Spam and which are Ham (not Spam). The training occurs once daily, after which the folders' contents are purged.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
bayes_imap_training_per_day	integer	<p>Description Per Day</p> <p>Help Entry The maximum number of e-mails that will be trained from each of the IMAP Training Folders, "Learn Spam" and "Learn Ham," each day.</p> <p>Example Default Value 250</p>	No*
global_bayes_database	integer	<p>Help Entry Use the dropdown to enable or disable the Bayes global database. If enabled, all the Bayes data will be stored as a single global user. If disabled, each e-mail box user will have their own Bayes database to store Bayesian data. "Disabled" is considered more effective for fighting Spam, but requires all e-mail users to train their messages individually, and uses more disk space, compared to the global database option.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *updateLists*

Added in version 4.7.0-339

Description Update spamassassin global white and black lists.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

global_whitelist	struct (string)	Help Entry Use the whitelist text field to enter email addresses or domains that are valid to send email from on a server-wide level.	No
global_blacklist	struct (string)	Help Entry Use the blacklist text field to enter email addresses or domains that are not valid to send email from on a server-wide level. To block all emails from a domain, use '*', as in '*@domain.com'.	No
trusted_networks	struct (string)	Help Entry Relay hosts added here are considered to not be potentially operated by spammers, open relays, or open proxies.	No

Action: *updateOptions***Added in version** 4.7.0-339**Description** Update spamassassin options.**Input Parameters**

Name	Type	Notes	Required?
smtp_level_scanning	integer	Help Entry This option will scan all e-mail using the SpamAssassin content filter as the e-mail enters the server. The SMTP connection will be dropped only if the Spam Score is higher than the SMTP Spam Score option below. Otherwise, the e-mail will still be delivered to the recipient. WARNING : You may not want to enable this setting. It has no bearing on the SpamAssassin setting in SiteWorx, so e-mail messages may be scanned twice if this setting is enabled. Example Values 1, 0 Example Default Value 0	No*
smtp_level_spam_score	double	Help Entry SMTP Spam Score. This is the SpamAssassin score threshold at which the SMTP server will reject a message before local delivery begins. If you do not want to block any spam at the SMTP level, use a very high number. Example Default Value 95	No*
spam_max_filesize	double	Help Entry Set the maximum message size to be scanned – any bigger than this threshold and the message will be returned unprocessed. Example Default Value 262144	No*

rewrite_header_subj	string	Help Entry Emails marked as Spam will have the email subject rewritten with what is entered here.	No
report_safe	integer	Help Entry This option sets the method of delivering the actual e-mail spam message. The email can be sent unchanged but with the subject rewritten, it can be attached to an email from SpamAssassin, or it can be attached as plain text to an email from SpamAssassin. Example Values 0, 1, 2 Example Default Value 1	No*
use_auto_whitelist	integer	Help Entry Enable or disable the SpamAssassin AutoWhitelist functionality. Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 36

Controller: /nodeworx/mail/spop3

Required Permissions "EMAIL"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_SECURE_POP3##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '995',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 995,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'pop3-ssl',
      'name' => '##LG_SECURE_POP3##',
      'ports' => '995',
      'page' => '/nodeworx/mail/mda',
      'ctrl' => '/nodeworx/mail/spop3',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'pop3-ssl',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/mda',
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set secure pop3 start-on-boot status.

Input Parameters

Name	Type	Notes	Required?
mda_spop_startonboot	integer	Example Values 1, 0 Example Default Value 1	No*

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 37

Controller: /nodeworx/mail/virus

Required Permissions "EMAIL"

Action: *autoRestart*

Added in version 4.7.0-339

Description Set the clamav autorestart status.

Input Parameters

Name	Type	Notes	Required?
clamav_autorestart	integer	Help Entry With this option on you can have ClamAV restarted automatically if ClamAV goes down unexpectedly. Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (  
  'status' => 0,  
  'payload' => true,  
)
```

Action: *isRunningOnNode***Added in version** 4.7.0-339**Description** Checks if the service is running on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName***Added in version** 4.7.0-339**Description** Lists the "normal" name - ie "web server" instead of "httpd".**Sample output**

```
array (
  'status' => 0,
  'payload' => '##LG_VIRUS_FILTERING##',
)
```

Action: *listPortNumbers***Added in version** 4.7.0-339**Description** Lists a string of the port numbers that this service uses, comma-seperated.**Sample output**

```
array (
  'status' => 0,
  'payload' => '3310',
)
```

Action: *listPortNumbersArray***Added in version** 4.7.0-339**Description** Lists array of port numbers and ranges that this service uses.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 3310,
    ),
)
```

Action: *listRequiredPermissions***Added in version** 4.7.0-339**Description** Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'EMAIL',
    ),
)
```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'clamd',
      'name' => '##LG_VIRUS_FILTERING##',
      'ports' => '3310',
      'page' => '/nodeworx/mail/virus',
      'ctrl' => '/nodeworx/mail/virus',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'clamd',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mail/virus',
)
```

Action: *options***Added in version** 4.7.0-339**Description** Update clamav options.**Input Parameters**

Name	Type	Notes	Required?
clamav_smtpscanning	integer	Help Entry Use the dropdown to enable or disable email virus scanning on the server level. Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *queryAutoRestart*

Added in version 5.1.0-838

Description Displays the information available to the action "autoRestart".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'clamav_autorestart' => '0',
    ),
)
```

Action: *queryOptions*

Added in version 5.1.0-838

Description Displays the information available to the action "options".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'clamav_smtpscanning' => '0',
    ),
)
```

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes
------------	--------	---	-----

Action: restart

Added in version 4.7.0-339

Description Restarts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: restartOnNode

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: start

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set the clamav start-on-boot status.

Input Parameters

Name	Type	Notes	Required?
clamav_startonboot	integer	Help Entry With this option on you can have ClamAV restarted automatically if ClamAV goes down unexpectedly. Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 38

Controller: /nodeworx/mysql

Required Permissions "MYSQL"

Action: *add*

Added in version 4.7.0-339

Description Add a new mysql server to the pool.

Warning This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::add

Input Parameters

Name	Type	Notes	Required?
nickname	string		Yes
host	string	Help Entry Enter the host or IP address (with port if needed) of the database server.	Yes
root_username	string	Help Entry The root username of the MySQL Server. Note: this is <i>*not*</i> the system root username.	Yes
root_password	string	Help Entry The root password of the MySQL Server. Note: this is <i>*not*</i> the system root password.	Yes

Action: *autoRestart*

Added in version 4.7.0-339

Description Set the mysql server auto-restart status.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

autorestart	integer	Help Entry With this option on you can have MySQL restarted automatically if MySQL goes down unexpectedly. Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *default*

Added in version 4.7.0-339

Description Sets the default mysql server to use for new SiteWorx accounts and resellers.

Warning This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::default

Input Parameters

Name	Type	Notes	Required?
server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost	Yes

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode***Added in version** 4.7.0-339**Description** Checks if the service is running on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *list***Added in version** 4.7.0-339**Description** List MySQL servers.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::listServers**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 => 'localhost',
  ),
)
```

Action: *listActiveServers***Added in version** 4.7.0-339**Description** List active MySQL servers.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::listActiveServers**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 => 'localhost',
  ),
)
```

Action: *listDeletableServers***Added in version** 4.7.0-339**Description** List deletable MySQL servers.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::listDeletableServers**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
  ),
)
```

Action: *listGeneralName***Added in version** 4.7.0-339**Description** Lists the "normal" name - ie "web server" instead of "httpd".**Sample output**

```
array (
  'status' => 0,
  'payload' => '##LG_MYSQLSERVER##',
)
```

Action: *listInactiveServers***Added in version** 4.7.0-339**Description** List inactive MySQL servers.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::listInactiveServers**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *listPortNumbers***Added in version** 4.7.0-339**Description** Lists a string of the port numbers that this service uses, comma-seperated.**Sample output**

```
array (
  'status' => 0,
  'payload' => '3306',
)
```

Action: *listPortNumbersArray***Added in version** 4.7.0-339**Description** Lists array of port numbers and ranges that this service uses.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 3306,
    ),
)
```

Action: *listRequiredPermissions***Added in version** 4.7.0-339**Description** Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'MYSQL',
    ),
)
```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'mysqld',
      'name' => '##LG_MYSQLSERVER##',
      'ports' => '3306',
      'page' => '/nodeworx/mysql',
      'ctrl' => '/nodeworx/mysql',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'mysqld',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/mysql',
)
```

Action: *nickname*

Added in version 4.7.0-339

Description Change a mysql server's nickname.

Warning This action has been deprecated as of version 4.8.0-393. 2011-03-30 Use Ctrl_Nodeworx_MysqlRemote::nickname

Input Parameters

Name	Type	Notes	Required?
server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost	Yes

Action: options

Added in version 4.7.0-339

Description Configure various mysql service options.

Input Parameters

Name	Type	Notes	Required?
max_connections	integer	Help Entry The number of connections to the MySQL server allowed at once. Example Default Value 151	No*
max_connect_errors	integer	Help Entry If set, the server blocks further connections from a remote host when the number of interrupted connections from that host exceeds this number. You can unblock a host with the command FLUSH HOSTS. Example Default Value 10	No*
connect_timeout	integer	Description In Seconds Help Entry The number in seconds of MySQL connection timeout. This is also used for the first answer from the server. Example Default Value 10	No*
wait_timeout	integer	Description In Seconds Help Entry The number of seconds the server waits for activity on a connection before closing it. Example Default Value 28800	No*
key_buffer_size	integer	Description In Bytes Help Entry This is the memory buffer shared by all threads. Other buffers used by the server are allocated as needed. Example Default Value 8384512	No*

sort_buffer_size	integer	<p>Description In Bytes</p> <p>Help Entry The size of the buffer used when sorting table data. The default value is 1MB. This option is available only for isamchk.</p> <p>Example Default Value 2097144</p>	No*
read_buffer_size	integer	<p>Description In Bytes</p> <p>Help Entry The size of the buffer used to store data being read from files. The default value is 260KB. This option is available only for isamchk.</p> <p>Example Default Value 131072</p>	No*
max_allowed_packet	integer	<p>Description In Bytes</p> <p>Help Entry Set the maximum packet length to send to or receive from the server. The default value is 16MB.</p> <p>Example Default Value 1048576</p>	No*
thread_cache_size	integer	<p>Help Entry The number of open tables for all threads. Increasing this value increases the number of file descriptors that mysqld requires.</p> <p>Example Default Value 0</p>	No*
table_open_cache	integer	<p>Help Entry Set the number of open tables cached. Table cache is related to max connections. For example, for 200 concurrent running connections, you should have a table cache of at least 200 * N, where N is the maximum number of tables in a join. You also need to reserve some extra file descriptors for temporary tables and files.</p> <p>Example Default Value 64</p>	No*
query_cache_limit	integer	<p>Description In Bytes</p> <p>Help Entry Set the maximum size of individual query results that can be cached. The default value is 1MB.</p> <p>Example Default Value 1048576</p>	No*

query_cache_size	integer	Description In Bytes Help Entry Set the size of the query cache. Setting it to 0 disables the query cache. The default cache size is 0. Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *queryAutoRestart*

Added in version 5.1.0-838

Description Displays the information available to the action "autoRestart".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'autorestart' => '0',
    ),
)
```

Action: *queryOptions*

Added in version 5.1.0-838

Description Displays the information available to the action "options".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'max_connections' => '151',
      'max_connect_errors' => '10',
      'connect_timeout' => '10',
      'wait_timeout' => '28800',
      'key_buffer_size' => '8384512',
      'sort_buffer_size' => '2097144',
      'read_buffer_size' => '131072',
      'max_allowed_packet' => '1048576',
      'thread_cache_size' => '0',
      'table_open_cache' => '64',
      'query_cache_limit' => '1048576',
      'query_cache_size' => '0',
    ),
)
```

Action: *queryProcesses*

Added in version 4.8.0-393

Description Query processes on the local mysql server.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'id' => '599',
          'username' => 'iworx',
          'command' => 'Sleep',
          'time' => '1',
        ),
      1 =>
        array (
          'id' => '600',
          'username' => 'iworx',
          'command' => 'Query',
          'time' => '0',
        ),
    ),
)

```

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart*

Added in version 4.7.0-339

Description Restarts the service.**Input Parameters**

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *rootpass*

Added in version 4.7.0-339

Description Change the given MySQL Server's root password.

Input Parameters

Name	Type	Notes	Required?
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes

Action: *rrdGraph*

Added in version 4.7.0-339

Description Set the mysql server connections RRD graph display status.

Input Parameters

Name	Type	Notes	Required?
rrd	integer	Help Entry Use the dropdown to turn the MySQL server activity graph on or off. Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *startOnBoot*

Added in version 4.7.0-339

Description Set the mysql server start-on-boot-status.

Input Parameters

Name	Type	Notes	Required?
startonboot	integer	Help Entry If set to 'Yes', MySQL will be automatically started when the server starts up. Example Values 1, 0 Example Default Value 1	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 39

Controller: /nodeworx/mysql/phpmyadmin

Required Permissions "PHPMYADMIN"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 40

Controller: /nodeworx/mysql/remote

Required Permissions "MYSQL"

Action: *activate*

Added in version 4.8.0-393

Description Reactivate a mysql server if it has gone offline.

Input Parameters

Name	Type	Notes	Required?
server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost	Yes
root_username	string	Help Entry The root username of the MySQL Server. Note: this is <i>*not*</i> the system root username.	Yes
root_password	string	Help Entry The root password of the MySQL Server. Note: this is <i>*not*</i> the system root password.	Yes

Action: *add*

Added in version 4.8.0-393

Description Add a new mysql server to the pool.

Input Parameters

Name	Type	Notes	Required?
nickname	string		Yes
host	string	Help Entry Enter the host or IP address (with port if needed) of the database server.	Yes

root_username	string	Help Entry The root username of the MySQL Server. Note: this is *not* the system root username.	Yes
root_password	string	Help Entry The root password of the MySQL Server. Note: this is *not* the system root password.	Yes

Action: *default***Added in version** 4.8.0-393**Description** Sets the default mysql server to use for new SiteWorx accounts and resellers.**Action: *fail*****Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *listActiveServers*****Added in version** 4.8.0-393**Description** List active MySQL servers.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'localhost',
    ),
)
```

Action: *listDeletableServers***Added in version** 4.8.0-393**Description** List deletable MySQL servers.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *listInactiveServers***Added in version** 4.8.0-393**Description** List inactive MySQL servers.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *listServers*

Added in version 4.8.0-393

Description Lists the available mysql servers.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'server_id' => '1',
          'nickname' => 'localhost',
          'can_delete' => false,
          'version' => '5.1.73',
          'host' => '10.1.15.200',
          'is_running' => true,
          'can_connect' => true,
          'is_local' => true,
        ),
      ),
    ),
)
```

Action: *nickname*

Added in version 4.8.0-393

Description Change a mysql server's nickname.**Input Parameters**

Name	Type	Notes	Required?
server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost	Yes

Action: *queryDefault*

Added in version 5.1.0-838

Description Displays the information available to the action "default".**Input Parameters**

Name	Type	Notes	Required?
server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'server_copy' => 'localhost',
      'server' => 'localhost',
    ),
)
```

Action: *queryProcesses***Added in version** 4.8.0-393**Description** Query processes on the local mysql server.**Input Parameters**

Name	Type	Notes	Required?
server	string	Example Values localhost	Yes

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *rootpass*****Added in version** 4.8.0-393**Description** Change the given MySQL Server's root password.**Input Parameters**

Name	Type	Notes	Required?
server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost	Yes
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 41

Controller: /nodeworx/nfs

Required Permissions "NFS"

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => false,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_NFS_SERVER##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-separated.

Sample output

```
array (
  'status' => 0,
  'payload' => '2049',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 2049,
    ),
)
```

Action: *listRequiredPermissions*

Added in version 4.7.0-339

Description Lists an array of permissions required to control the service.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'NFS',
    ),
)
```

Action: *listServiceInfo*

Added in version 4.7.0-339

Description Lists the service name, ports, page, and status.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'nfs',
      'name' => '##LG_NFS_SERVER##',
      'ports' => '2049',
      'page' => '/nodeworx/nfs',
      'ctrl' => '/nodeworx/nfs',
      'is_running' => 0,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'nfs',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/nfs',
)
```

Action: *reroute***Added in version** 4.7.0-339**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart***Added in version** 4.7.0-339**Description** Restarts the service.**Action: *restartOnNode*****Added in version** 4.7.0-339**Description** Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start***Added in version** 4.7.0-339**Description** Starts the service.**Action: *startOnBoot*****Added in version** 4.7.0-339**Description** Set the NFS start-on-boot status.**Input Parameters**

Name	Type	Notes	Required?
nfs_startonboot	integer	Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode***Added in version** 4.7.0-339**Description** Starts the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop***Added in version** 4.7.0-339**Description** Stops the service.**Action: *stopOnNode*****Added in version** 4.7.0-339**Description** Stops the service on a specific node (Clustering only).**Input Parameters**

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 42

Controller: /nodeworx/nfs/export

Required Permissions "NFS"

Action: *add*

Added in version 4.7.0-339

Description Add a NFS Export.

Input Parameters

Name	Type	Notes	Required?
directory_to_export	string		Yes
ip_allow_list	struct (string)		No*
read_write_access	string	Example Values ro, rw	Yes
root_user_access	string	Example Values root_squash, no_root_squash	Yes
sync_options	string	Example Values async, sync	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listNfsExports*

Added in version 4.8.0-393

Description List NFS Exports.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
```

|) ,
|

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 43

Controller: /nodeworx/nfs/mount

Required Permissions "NFS"

Action: *add*

Added in version 4.7.0-339

Description Add a NFS mount.

Input Parameters

Name	Type	Notes	Required?
host	string	Help Entry The host (hostname or IP address) you are mounting.	Yes
remote_directory	string	Help Entry The full path of the remote directory you are mounting.	Yes
mount_point	string	Help Entry The local mount point you would like the remote directory to be available on. This must be an existing directory.	Yes
protocol	string	Example Values tcp, udp	No
mount_type	string	Example Values hard, soft	No
remount_options	string	Description (On Error) Example Values fg, bg	No
interrupt_handling	string	Description (For File Operations) Example Values intr, nointr	No

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listNfsMounts*

Added in version 4.8.0-393

Description List Nfs mounts.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 44

Controller: /nodeworx/notice

Required Permissions "LOGIN"

Action: *dismissBanner*

Added in version 4.7.0-339

Description Dismisses a banner notice.

Input Parameters

Name	Type	Notes	Required?
delivery_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *ignoreUntil*

Added in version 4.7.0-339

Description Ignore a notice until a certain time.

Input Parameters

Name	Type	Notes	Required?
delivery_id	struct (integer)		Yes
ignore_until	integer	Example Values 0, 1, 2, 3, 4, 5	Yes

Action: *listBannerNotices*

Added in version 4.7.0-339

Description Lists current banner notices.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'delivery_id' => '1',
      'code' => '',
      'priority' => 'positive',
      'node_id' => '',
      'subject' => '##LG_WELCOMETONODEWORX##',
      'body' => '##LG_GDIIWORX_WELCOME##',
      'date_created' => '1417708365',
    ),
    1 =>
    array (
      'delivery_id' => '79798',
      'code' => 'SSL_CERT_EXPIRED',
      'priority' => 'negative',
      'node_id' => '',
      'subject' => 'Warning: SSL Certificate Expired',
      'body' => '##LG_PROBLEM_CERT_EXPIRED_MESSAGE |<ul><li>Web-Server Default SSL</li><li>Expiration Date: 2015-12-04</li><li>Domain: p1.unit.interworx.com</li><li>Issuer:
      'date_created' => '1531305136',
    ),
    2 =>
    array (
      'delivery_id' => '79802',
      'code' => 'UPGRADED_6.1.23-1488',
      'priority' => 'positive',
      'node_id' => '',
      'subject' => '##LG_IWORX_UPGRADED##',
      'body' => '##LG_IWORX_UPGRADED_DESC |6.1.23-1488##',
      'date_created' => '1531305238',
    ),
  ),
),
)
```

Action: *removeUnsubscription*

Added in version 4.7.0-339

Description Removes an unsubscription block for the current user.

Input Parameters

Name	Type	Notes	Required?
code	integer		Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *unsubscribe***Added in version** 4.7.0-339**Description** Unsubscribes the current user from a problem code.**Input Parameters**

Name	Type	Notes	Required?
code	string		Yes

Action: *unsubscribeAll***Added in version** 6.1.9-1465**Description** Unsubscribe from all notices.**Action: *win*****Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 45

Controller: /nodeworx/overview

Action: *editProfile*

Added in version 4.8.3-414

Description Edit the currently authenticated users' profile.

Input Parameters

Name	Type	Notes	Required?
theme	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice Example Default Value calliope	No*
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
menu_style	string	Example Values big, small Example Default Value big	No*
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listHostname*

Added in version 4.7.0-339

Description List the hostname of the system.

Sample output

```
array (
  'status' => 0,
  'payload' => 'apidoc.interworx.com',
)
```

Action: *listIsClusterable*

Added in version 5.0.14-579

Description List the clusterable status of this license.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'is_clusterable' => true,
    ),
)
```

Action: *listLicenseKey*

Added in version 4.7.0-339

Description List the interworx license key.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'licence_key' => 'INTERWORX_APIDOC2',
    ),
)
```

Action: *listLoadAverage*

Added in version 4.7.0-339

Description Lists the one, five, and fifteen-minute load averages.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'one_minute' => '0.36',
      'five_minute' => '0.20',
      'fifteen_minute' => '0.33',
    ),
)
```

Action: *listServiceStatus***Added in version** 4.7.0-339**Description** Lists the status and port numbers of InterWorx-managed services.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'id' => 'httpd',
      'name' => '##LG_APACHE##',
      'ports' => '80, 443',
      'page' => '/nodeworx/http',
      'ctrl' => '/nodeworx/http',
      'is_running' => 1,
    ),
    1 =>
    array (
      'id' => 'pop3',
      'name' => '##LG_POP3##',
      'ports' => '110',
      'page' => '/nodeworx/mail/mda',
      'ctrl' => '/nodeworx/mail/pop3',
      'is_running' => 1,
    ),
    2 =>
    array (
      'id' => 'pop3-ssl',
      'name' => '##LG_SECURE_POP3##',
      'ports' => '995',
      'page' => '/nodeworx/mail/mda',
      'ctrl' => '/nodeworx/mail/spop3',
      'is_running' => 1,
    ),
  ),
)

```

Action: *listVersion***Added in version** 4.7.0-339**Description** List the version of InterWorx installed.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    'version' => '6.1.23-1488',
  ),
)

```

Action: *listVPSStatus***Added in version** 5.0.14-579**Description** List the VPS status of the system.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    'is_vps' => true,
  ),
)

```

Action: *listVPSVendor***Added in version** 5.0.14-579**Description** List the VPS status of the system.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'vps_vendor' => 'xen',
    ),
)
```

Action: *queryEditProfile***Added in version** 5.1.0-838**Description** Displays the information available to the action "editProfile".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'theme' => 'calliope',
      'language' => 'en-us',
      'menu_style' => 'big',
      'password' => NULL,
      'confirm_password' => NULL,
    ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 46

Controller: /nodeworx/packages

Required Permissions "PACKAGES"

Action: *add*

Added in version 4.7.0-339

Description Add a siteworx package.

Input Parameters

Name	Type	Notes	Required?
package_name	string		Yes
is_default	integer	Example Values 1, 0 Example Default Value 0	No*
OPT_STORAGE	double	Description Megabytes Help Entry The amount of storage space allowed in megabytes	Yes
OPT_BANDWIDTH	double	Description Gigabytes / Month Help Entry The amount of bandwidth allowed per month in gigabytes	Yes
OPT_EMAIL_ALIASES	integer	Help Entry The number of e-mail aliases (often called e-mail forwards) allowed	Yes
OPT_EMAIL_AUTORESPONDERS	integer	Help Entry The number of e-mail autoresponders, also called robots, allowed	Yes
OPT_EMAIL_BOXES	integer	Help Entry The number of POP3/IMAP e-mail boxes allowed	Yes
OPT_EMAIL_GROUPS	integer	Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed	Yes

OPT_FTP_ACCOUNTS	integer	Help Entry The number of FTP accounts allowed	Yes
OPT_MYSQL_DBS	integer	Help Entry The number of MySQL databases allowed	Yes
OPT_MYSQL_DB_USERS	integer	Help Entry The number of MySQL users allowed	Yes
OPT_POINTER_DOMAINS	integer	Help Entry The number of domains that can be pointed to this domain. Sometimes called "parked" domains.	Yes
OPT_SLAVE_DOMAINS	integer	Help Entry The number of secondary domains allowed. Sometimes called "add-on" domains.	Yes
OPT_SUBDOMAINS	integer	Help Entry The number of subdomains allowed	Yes
OPT_BACKUP	integer	Help Entry Enables the ability to backup the account Example Values 1, 0	Yes
OPT_CGI_ACCESS	integer	Help Entry Indicator of whether or not CGI script access is enabled Example Values 1, 0	Yes
OPT_CRONTAB	integer	Help Entry Access to Crontab Example Values 1, 0	Yes
OPT_DNS_RECORDS	integer	Help Entry If yes, the SiteWorx account will be able to edit its own DNS records. (MX, SPF, and Domainkeys records are not effected by this setting) Example Values 1, 0	Yes
OPT_SSL	integer	Help Entry Enable SSL Certificates Example Values 1, 0	Yes

OPT_BURSTABLE	integer	<p>Help Entry If you choose to be "burstable" your site will be able to go over its bandwidth allotment, perhaps at an extra cost (depending on the agreement). If you choose no, your bandwidth will be capped at a predefined limit and you will not be able to transfer any more data once the transfer limit is reached.</p> <p>Example Values 1, 0</p>	Yes
OPT_SAVE_XFER_LOGS	LOGS	<p>Help Entry If you answer yes to saving the transfer logs, the transfer logs will be saved in a format that can be downloaded. If you answer no, your logs are not saved and can not be downloaded and analyzed offline.</p> <p>Example Values 1, 0</p>	Yes
fpm_max_children	integer	<p>Help Entry Limits the number of simultaneous requests. Be careful with large numbers, as too many high-memory requests can cause the server to swap.</p> <p>Example Default Value 4</p>	No*
fpm_max_requests	integer	<p>Help Entry The number of requests each child process should execute before respawning. This can be useful to work around memory leaks in 3rd party libraries. For endless request processing specify '0'</p> <p>Example Default Value 8192</p>	No*
fpm_process_management	string	<p>Help Entry Choose how the process manager will control the number of child processes. Possible values: static, ondemand, dynamic.</p> <p>Example Values dynamic, static, ondemand</p> <p>Example Default Value ondemand</p>	No*
fpm_start_servers	integer	<p>Help Entry The number of child processes created on startup. Used only when pm is set to dynamic.</p> <p>Example Default Value 2</p>	No
fpm_min_spare_servers	integer	<p>Help Entry The desired minimum number of idle server processes. Used only when pm is set to dynamic.</p> <p>Example Default Value 1</p>	No

fpm_max_spare_servers	integer	Help Entry The desired maximum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 4	No
fpm_process_idle_timeout	integer	Help Entry The number of seconds after which an idle process will be killed. Used only when pm is set to ondemand. Available units: s(econds)(default), m(inutes), h(ours), or d(ays).	No

* indicates that it's actually required, but probably already has a valid default value

Action: *backup*

Added in version 4.8.3-414

Description Backup a siteworx package.

Input Parameters

Name	Type	Notes	Required?
id	struct (integer)		Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a siteworx package.

Input Parameters

Name	Type	Notes	Required?
id	struct (integer)		Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit a siteworx package.

Input Parameters

Name	Type	Notes	Required?
id	integer		Yes
package_name	string	Example Default Value unlimited	No*
is_default	integer	Example Values 1, 0 Example Default Value 0	No*

OPT_STORAGE	double	Description Megabytes Help Entry The amount of storage space allowed in megabytes Example Default Value 999999999	No*
OPT_BANDWIDTH	double	Description Gigabytes / Month Help Entry The amount of bandwidth allowed per month in gigabytes Example Default Value 999999999	No*
OPT_EMAIL_ALIASES	integer	Help Entry The number of e-mail aliases (often called e-mail forwards) allowed Example Default Value 999999999	No*
OPT_EMAIL_AUTORESPONDERS	integer	Help Entry The number of e-mail autoresponders, also called robots, allowed Example Default Value 999999999	No*
OPT_EMAIL_BOXES	integer	Help Entry The number of POP3/IMAP e-mail boxes allowed Example Default Value 999999999	No*
OPT_EMAIL_GROUPS	integer	Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed Example Default Value 999999999	No*
OPT_FTP_ACCOUNTS	integer	Help Entry The number of FTP accounts allowed Example Default Value 999999999	No*
OPT_MYSQL_DBS	integer	Help Entry The number of MySQL databases allowed Example Default Value 999999999	No*
OPT_MYSQL_USERS	integer	Help Entry The number of MySQL users allowed Example Default Value 999999999	No*

OPT_POINTER_DOMAINS	integer	<p>Help Entry The number of domains that can be pointed to this domain. Sometimes called "parked" domains. Example Default Value 999999999</p>	No*
OPT_SLAVE_DOMAINS	integer	<p>Help Entry The number of secondary domains allowed. Sometimes called "add-on" domains. Example Default Value 999999999</p>	No*
OPT_SUBDOMAINS	integer	<p>Help Entry The number of subdomains allowed Example Default Value 999999999</p>	No*
OPT_BACKUP	integer	<p>Help Entry Enables the ability to backup the account Example Values 1, 0 Example Default Value 1</p>	No*
OPT_CGI_ACCESS	integer	<p>Help Entry Indicator of whether or not CGI script access is enabled Example Values 1, 0 Example Default Value 1</p>	No*
OPT_CRONTAB	integer	<p>Help Entry Access to Crontab Example Values 1, 0 Example Default Value 1</p>	No*
OPT_DNS_RECORDS	integer	<p>Help Entry If yes, the SiteWorx account will be able to edit its own DNS records. (MX, SPF, and Domainkeys records are not effected by this setting) Example Values 1, 0 Example Default Value 1</p>	No*
OPT_SSL	integer	<p>Help Entry Enable SSL Certificates Example Values 1, 0 Example Default Value 1</p>	No*

OPT_BURSTABLE	integer	<p>Help Entry</p> <p>If you choose to be "burstable" your site will be able to go over its bandwidth allotment, perhaps at an extra cost (depending on the agreement). If you choose no, your bandwidth will be capped at a predefined limit and you will not be able to transfer any more data once the transfer limit is reached.</p> <p>Example Values</p> <p>1, 0</p> <p>Example Default Value</p> <p>1</p>	No*
OPT_SAVE_XFER_LOGS	LOGS	<p>Help Entry</p> <p>If you answer yes to saving the transfer logs, the transfer logs will be saved in a format that can be downloaded. If you answer no, your logs are not saved and can not be downloaded and analyzed offline.</p> <p>Example Values</p> <p>1, 0</p> <p>Example Default Value</p> <p>1</p>	No*
fpm_max_children	integer	<p>Help Entry</p> <p>Limits the number of simultaneous requests. Be careful with large numbers, as too many high-memory requests can cause the server to swap.</p> <p>Example Default Value</p> <p>4</p>	No*
fpm_max_requests	integer	<p>Help Entry</p> <p>The number of requests each child process should execute before respawning. This can be useful to work around memory leaks in 3rd party libraries. For endless request processing specify '0'</p> <p>Example Default Value</p> <p>8192</p>	No*
fpm_process_management	string	<p>Help Entry</p> <p>Choose how the process manager will control the number of child processes. Possible values: static, ondemand, dynamic.</p> <p>Example Values</p> <p>dynamic, static, ondemand</p> <p>Example Default Value</p> <p>ondemand</p>	No*
fpm_start_servers	integer	<p>Help Entry</p> <p>The number of child processes created on startup. Used only when pm is set to dynamic.</p> <p>Example Default Value</p> <p>2</p>	No

fpm_min_spare_servers	integer	Help Entry The desired minimum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 1	No
fpm_max_spare_servers	integer	Help Entry The desired maximum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 4	No
fpm_process_idle_timeout	integer	Help Entry The number of seconds after which an idle process will be killed. Used only when pm is set to ondemand. Available units: s(econds)(default), m(inutes), h(ours), or d(ays).	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *import*

Added in version 4.8.3-414

Description Import a siteworx package.

Input Parameters

Name	Type	Notes	Required?
package_file	string		Yes
overwrite	integer	Example Values 1	No

Action: *listDetails*

Added in version 4.7.0-339

Description Lists SiteWorx package details.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'id' => '8',
      'name' => 'unlimited',
      'OPT_STORAGE' => 999999999,
      'OPT_BANDWIDTH' => 999999999,
      'OPT_EMAIL_ALIASES' => 999999999,
      'OPT_EMAIL_AUTORESPONDERS' => 999999999,
      'OPT_EMAIL_BOXES' => 999999999,
```

```

'OPT_EMAIL_GROUPS' => 999999999,
'OPT_FTP_ACCOUNTS' => 999999999,
'OPT_MYSQL_DBS' => 999999999,
'OPT_MYSQL_DB_USERS' => 999999999,
'OPT_POINTER_DOMAINS' => 999999999,
'OPT_SLAVE_DOMAINS' => 999999999,
'OPT_SUBDOMAINS' => 999999999,
'OPT_BACKUP' => true,
'OPT_CGI_ACCESS' => true,
'OPT_CRONTAB' => true,
'OPT_DNS_RECORDS' => true,
'OPT_SSL' => true,
'OPT_BURSTABLE' => true,
'OPT_SAVE_XFER_LOGS' => true,
),
1 =>
array (
'id' => '9',
'name' => 'fifteens',
'OPT_STORAGE' => 15,
'OPT_BANDWIDTH' => 15,
'OPT_EMAIL_ALIASES' => 15,
'OPT_EMAIL_AUTORESPONDERS' => 15,
'OPT_EMAIL_BOXES' => 15,
'OPT_EMAIL_GROUPS' => 15,
'OPT_FTP_ACCOUNTS' => 15,
'OPT_MYSQL_DBS' => 15,
'OPT_MYSQL_DB_USERS' => 15,
'OPT_POINTER_DOMAINS' => 15,
'OPT_SLAVE_DOMAINS' => 15,
'OPT_SUBDOMAINS' => 15,
'OPT_BACKUP' => true,
'OPT_CGI_ACCESS' => true,
'OPT_CRONTAB' => true,
'OPT_DNS_RECORDS' => true,
'OPT_SSL' => true,
'OPT_BURSTABLE' => true,
'OPT_SAVE_XFER_LOGS' => true,
),
),
)

```

Action: *listIds*

Added in version 4.7.0-339

Description List SiteWorx packages by id.

Warning This action has been deprecated as of version 4.8.0-393. 2011-01-18 Use listPackages instead

Sample output

```

array (
'status' => 0,
'payload' =>
array (
0 =>
array (
0 => '8',
1 => 'unlimited',
),
1 =>
array (
0 => '9',
1 => 'fifteens',
),
),
)

```

Action: *listPackages*

Added in version 4.8.0-393

Description List SiteWorx Packages.

Sample output

```

array (
'status' => 0,
'payload' =>
array (
0 =>
array (
'id' => '8',
'name' => 'unlimited',
'options' => 'OPT_STORAGE=999999999, OPT_BANDWIDTH=999999999, OPT_EMAIL_ALIASES=999999999, OPT_EMAIL_AUTORESPONDERS=999999999, OPT_EMAIL_BOXES=999999999, OPT_EMAIL_GROUP

```

```

        'is_default' => 0,
    ),
    1 =>
    array (
        'id' => '9',
        'name' => 'fifteens',
        'options' => 'OPT_STORAGE=15, OPT_BANDWIDTH=15, OPT_EMAIL_ALIASES=15, OPT_EMAIL_AUTORESPONDERS=15, OPT_EMAIL_BOXES=15, OPT_EMAIL_GROUPS=15, OPT_FTP_COUNTS=15, OPT_MYSQL_
    ),
    ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 47

Controller: /nodeworx/plugins

Required Permissions "PLUGINS"

Action: *edit*

Added in version 4.7.0-339

Description Edit a plugin.

Input Parameters

Name	Type	Notes	Required?
plugin_name	string	Example Values simplescripts, auto-enable-shell-account, eventhooks, softaculous, autoset-spamprefs, buddyns, catchall-account-option, cloudflare, disable-local-delivery, dnsme, domain-email-create, external-nfs-quota, hello, history, lets-encrypt, license-api, litespeed, r1soft	Yes
status	integer	Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listPlugins*

Added in version 4.8.0-393

Description Get list of plugins.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
```

```

0 =>
array (
  'name' => 'simplescripts',
  'label' => 'Simple Scripts',
  'desc' => 'SimpleScripts enables one-click management (installs, upgrades, imports of manual installations, uninstalls, and backup restorations) of the Web\'s top a
  'status' => true,
  'cat' => '##LG_SCRIPT_INSTALLERS##',
  'qh' => 'SimpleScripts provides all of the Web\'s top applications to your customers with absolutely no maintenance required on your part. What\'s more, you can of
  'error' => '',
),
1 =>
array (
  'name' => 'softaculous',
  'label' => 'Softaculous',
  'desc' => 'Softaculous is a fast, well designed auto installer, and it installs all scripts in just one step',
  'status' => false,
  'cat' => '##LG_SCRIPT_INSTALLERS##',
  'qh' => 'From <a href=\'http://www.softaculous.com\' target=\'_blank\'>softaculous.com</a><br><i>Softaculous is a great Auto Installer having 14 great scripts and
  'error' => '',
),
2 =>
array (
  'name' => 'risoft',
  'label' => 'RiSoft CDP Access',
  'desc' => 'RiSoft Backup Siteworx Integration',
  'status' => false,
  'cat' => '##LG_BACKUP_RESTORE##',
  'qh' => 'This plugin allows the SiteWorx user to automatically login to their account on an RiSoft CDP Server. By default, all SiteWorx users have access.
Access can be revoked on a per SiteWorx account basis by editing the SiteWorx package of the account in question, or at SiteWorx account creation time.
This plugin requires the RiSoft Agent installed on the interworx server.',
  'error' => '',
),
),
),
)

```

Action: queryEdit

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
plugin_name	string	Example Values simplescripts, auto-enable-shell-account, eventhooks, softaculous, autoset-spamprefs, buddyns, catchall-account-option, cloudflare, disable-local-delivery, dnsme, domain-email-create, external-nfs-quota, hello, history, lets-encrypt, license-api, litespeed, r1soft	Yes

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'name' => 'Simple Scripts',
    'description' => 'SimpleScripts enables one-click management (installs, upgrades, imports of manual installations, uninstalls, and backup restorations) of the Web\'s
    'status' => '1',
    'plugin_name' => 'simplescripts',
  ),
),
)

```

Action: reroute

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: win

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 48

Controller: /nodeworx/reseller

Required Permissions "RESELLER"

Action: *add*

Added in version 4.7.0-339

Description Add a new reseller account.

Input Parameters

Name	Type	Notes	Required?
nickname	string		No*
email	string		No*
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
theme	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice Example Default Value calliope	No*
menu_style	string	Example Values big, small Example Default Value big	No*

billing_day	integer	<p>Help Entry The billing day is the day of the month (1-31) that this reseller's monthly bandwidth calculation will start back at 0.</p> <p>Example Values 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31</p> <p>Example Default Value 1</p>	No*
status	string	<p>Example Values active, inactive</p>	Yes
packagetemplate	string	<p>Help Entry A package template is a blueprint for the package to setup. You do not have to use a package template, but it is often easier to use one so you do not have to specify all options every time you setup a SiteWorx account.</p> <p>Example Values , Package By Test</p>	No
create_package	integer	<p>Example Values 1</p>	No
new_package_name	string		No
RSL_OPT_STORAGE	double	<p>Description Megabytes</p> <p>Help Entry The amount of storage allocated to this reseller</p>	Yes
RSL_OPT_BANDWIDTH	double	<p>Description Gigabytes / Month</p> <p>Help Entry The amount of bandwidth per month allocated to this reseller</p>	Yes
RSL_OPT_EMAIL_ALIASES	integer	<p>Help Entry The number of e-mail aliases (often called e-mail forwards) allowed across all accounts owned by this reseller</p>	Yes
RSL_OPT_EMAIL_AUTORESPONDERS	integer	<p>Help Entry The number of e-mail autoresponders, also called robots, allowed across all accounts owned by this reseller</p>	Yes
RSL_OPT_EMAIL_BOXES	integer	<p>Help Entry The number of POP3/IMAP e-mail boxes allowed across all accounts owned by this reseller</p>	Yes
RSL_OPT_EMAIL_GROUPS	integer	<p>Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed across all accounts owned by this reseller</p>	Yes

RSL_OPT_FTP_ACCOUNTS	integer	Help Entry The number of FTP accounts allowed across all accounts owned by this reseller	Yes
RSL_OPT_MYSQL_DBS	integer	Help Entry The number of MySQL databases allowed across all accounts owned by this reseller	Yes
RSL_OPT_MYSQL_USERS	integer	Help Entry The number of MySQL users allowed across all accounts owned by this reseller	Yes
RSL_OPT_POINTER_DOMAINS	integer	Help Entry The number of pointer domains allowed across all accounts owned by this reseller	Yes
RSL_OPT_SITEWORX_ACCOUNTS	integer	Help Entry The number of SiteWorx accounts this reseller can create	Yes
RSL_OPT_SLAVE_DOMAINS	integer	Help Entry The number of secondary domains allowed across all accounts owned by this reseller	Yes
RSL_OPT_SUBDOMAINS	integer	Help Entry The number of subdomains allowed across all accounts owned by this reseller	Yes
RSL_OPT_OVERSELLING_STORAGE	integer	Help Entry With storage overselling enabled, the reseller can allocate more storage to the SiteWorx accounts than is technically allowed by the Storage Space allowance for the reseller account. Example Values 1, 0 Example Default Value 1	No*
RSL_OPT_OVERSELLING_BANDWIDTH	integer	Help Entry With bandwidth overselling enabled, the reseller can allocate more bandwidth to the SiteWorx accounts than is technically allowed by the Bandwidth allowance for the reseller account. Example Values 1, 0 Example Default Value 1	No*
RSL_OPT_THEMES	integer	Help Entry Allow users to upload custom interface themes. Example Values 1, 0 Example Default Value 0	No*

ipv4	struct (string)	Example Values 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104	No*
ipv6	struct (string)	Example Values 2001:db8::d:1101	No
ipv6_pool	struct (string)	Help Entry IPv6 Pools allow resellers to assign Pools to their SiteWorx accounts, which in turn assign IPv6 addresses to domains. Example Values dead::/64, dead::/24	No
database_servers	struct (string)	Help Entry Select the database server from the list that you would like to use. Example Values localhost Example Default Value ["localhost"]	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *addIp*

Added in version 5.0.14-579

Description Adds ips to the list of available IPs for a Reseller account.

Input Parameters

Name	Type	Notes	Required?
reseller_id	integer		Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a reseller account.

Input Parameters

Name	Type	Notes	Required?
reseller_id	struct (integer)		Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit a reseller account.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

reseller_id	integer		Yes
nickname	string	Example Default Value Reseller Nickname	No*
email	string	Example Default Value reseller@interworx.com	No*
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
theme	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice Example Default Value interworx	No*
menu_style	string	Example Values big, small Example Default Value small	No*
billing_day	integer	Help Entry The billing day is the day of the month (1-31) that this reseller's monthly bandwidth calculation will start back at 0. Example Values 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 Example Default Value 1	No*
status	string	Example Values active, inactive Example Default Value active	No*
cascade-status	integer	Example Values 1, 0 Example Default Value 0	No*

packagetemplate	string	<p>Help Entry A package template is a blueprint for the package to setup. You do not have to use a package template, but it is often easier to use one so you do not have to specify all options every time you setup a SiteWorx account.</p> <p>Example Values , Package By Test</p>	No
RSL_OPT_STORAGE	double	<p>Description Megabytes</p> <p>Help Entry The amount of storage allocated to this reseller</p> <p>Example Default Value 999999999</p>	No*
RSL_OPT_BANDWIDTH	double	<p>Description Gigabytes / Month</p> <p>Help Entry The amount of bandwidth per month allocated to this reseller</p> <p>Example Default Value 999999999</p>	No*
RSL_OPT_EMAIL_ALIASES	integer	<p>Help Entry The number of e-mail aliases (often called e-mail forwards) allowed across all accounts owned by this reseller</p> <p>Example Default Value 999999999</p>	No*
RSL_OPT_EMAIL_AUTORESPONDERS	integer	<p>Help Entry The number of e-mail autoresponders, also called robots, allowed across all accounts owned by this reseller</p> <p>Example Default Value 999999999</p>	No*
RSL_OPT_EMAIL_BOXES	integer	<p>Help Entry The number of POP3/IMAP e-mail boxes allowed across all accounts owned by this reseller</p> <p>Example Default Value 999999999</p>	No*
RSL_OPT_EMAIL_GROUPS	integer	<p>Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed across all accounts owned by this reseller</p> <p>Example Default Value 999999999</p>	No*
RSL_OPT_FTP_ACCOUNTS	integer	<p>Help Entry The number of FTP accounts allowed across all accounts owned by this reseller</p> <p>Example Default Value 999999999</p>	No*

RSL_OPT_MYSQL_DB	Integer	<p>Help Entry The number of MySQL databases allowed across all accounts owned by this reseller Example Default Value 999999999</p>	No*
RSL_OPT_MYSQL_DB_USERS	Integer	<p>Help Entry The number of MySQL users allowed across all accounts owned by this reseller Example Default Value 999999999</p>	No*
RSL_OPT_POINTER_DOMAINS	Integer	<p>Help Entry The number of pointer domains allowed across all accounts owned by this reseller Example Default Value 999999999</p>	No*
RSL_OPT_SITEWORX_ACCOUNTS	Integer	<p>Help Entry The number of SiteWorx accounts this reseller can create Example Default Value 999999999</p>	No*
RSL_OPT_SLAVE_DOMAINS	Integer	<p>Help Entry The number of secondary domains allowed across all accounts owned by this reseller Example Default Value 999999999</p>	No*
RSL_OPT_SUBDOMAINS	Integer	<p>Help Entry The number of subdomains allowed across all accounts owned by this reseller Example Default Value 999999999</p>	No*
RSL_OPT_OVERSELLING_STORAGE	Integer	<p>Description Megabytes Help Entry With storage overselling enabled, the reseller can allocate more storage to the SiteWorx accounts than is technically allowed by the Storage Space allowance for the reseller account. Example Values 1, 0 Example Default Value 1</p>	No*

RSL_OPT_OVERSELLING	integer	Description Gigabytes / Month Help Entry With bandwidth overselling enabled, the reseller can allocate more bandwidth to the SiteWorx accounts than is technically allowed by the Bandwidth allowance for the reseller account. Example Values 1, 0 Example Default Value 1	No*
RSL_OPT_THEMES	integer	Help Entry Allow users to upload custom interface themes. Example Values 1, 0 Example Default Value 1	No*
database_servers	struct (string)	Help Entry Select the database server from the list that you would like to use. Example Values localhost Example Default Value ["localhost"]	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editIPv6Pools*

Added in version 5.0.14-579

Description Change IPv6 Pools the reseller has access to.

Input Parameters

Name	Type	Notes	Required?
reseller_id	integer		Yes
ipv6_pool	struct (string)	Help Entry IPv6 Pools allow resellers to assign Pools to their SiteWorx accounts, which in turn assign IPv6 addresses to domains. Example Values dead::/64, dead::/24 Example Default Value ["dead::\24", "dead::\64"]	No

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listDeletableIds*

Added in version 4.7.0-339

Description List deletable reseller accounts by id.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '16',
          1 => 'Reseller Nickname (reseller@interworx.com)',
        ),
      ),
    ),
)
```

Action: *listEditableIds*

Added in version 4.7.0-339

Description List editable reseller accounts by id.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '16',
          1 => 'Reseller Nickname (reseller@interworx.com)',
        ),
      ),
    ),
)
```

Action: *listIds*

Added in version 4.7.0-339

Description List reseller accounts by id.

Warning This action has been deprecated as of version 4.8.0-393. 2011-01-24 use listResellersAction

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '1',
          1 => 'Server Admin (nodeworx_user@example.com)',
        ),
      1 =>
        array (
          0 => '16',
          1 => 'Reseller Nickname (reseller@interworx.com)',
        ),
      ),
    ),
)
```

Action: *listResellers*

Added in version 4.8.0-393

Description List all resellers.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'reseller_id' => '1',
          'email' => 'nodeworx_user@example.com',
          'nickname' => 'Server Admin',
          'status' => 'active',
          'max_bandwidth' => '999999999',
          'max_storage' => '999999999',
          'max_accounts' => '999999999',
          'bandwidth' => '0',
          'accounts' => '1',
          'storage' => '0',
        ),
      1 =>
        array (
          'reseller_id' => '16',
          'email' => 'reseller@interworx.com',
          'nickname' => 'Reseller Nickname',
          'status' => 'active',
          'max_bandwidth' => '999999999',
          'max_storage' => '999999999',
          'max_accounts' => '999999999',
          'bandwidth' => '0',
          'accounts' => '0',
          'storage' => '0',
        ),
    ),
)

```

Action: *queryAvailableIps*

Added in version 5.0.14-579

Description Displays a payload of IPs available to a reseller.

Input Parameters

Name	Type	Notes	Required?
reseller_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *queryDomains*

Added in version 5.1.0-941

Description Show domains on a reseller.

Input Parameters

Name	Type	Notes	Required?
reseller_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'nickname' => 'Reseller Nickname',
      'email' => 'reseller@interworx.com',
    ),
)

```

```
'password' => NULL,
'confirm_password' => NULL,
'language' => 'en-us',
'theme' => 'interworx',
'menu_style' => 'small',
'billing_day' => '1',
'status' => 'active',
'cascade-status' => '0',
'packagetemplate' => NULL,
'RSL_OPT_STORAGE' => '999999999',
'RSL_OPT_BANDWIDTH' => '999999999',
'RSL_OPT_EMAIL_ALIASES' => '999999999',
'RSL_OPT_EMAIL_AUTORESPONDERS' => '999999999',
'RSL_OPT_EMAIL_BOXES' => '999999999',
'RSL_OPT_EMAIL_GROUPS' => '999999999',
'RSL_OPT_FTP_ACCOUNTS' => '999999999',
'RSL_OPT_MYSQL_DBS' => '999999999',
'RSL_OPT_MYSQL_DB_USERS' => '999999999',
'RSL_OPT_POINTER_DOMAINS' => '999999999',
'RSL_OPT_SITEWORX_ACCOUNTS' => '999999999',
'RSL_OPT_SLAVE_DOMAINS' => '999999999',
'RSL_OPT_SUBDOMAINS' => '999999999',
'RSL_OPT_OVERSELL_STORAGE' => '1',
'RSL_OPT_OVERSELL_BANDWIDTH' => '1',
'RSL_OPT_THEMES' => '1',
'database_servers' =>
array (
0 => 'localhost',
),
'reseller_id' => '16',
'options' =>
array (
'LG_RSL_OPT_STORAGE' => '999999999',
'LG_RSL_OPT_OVERSELL_STORAGE' => '1',
'LG_RSL_OPT_BANDWIDTH' => '999999999',
'LG_RSL_OPT_OVERSELL_BANDWIDTH' => '1',
'LG_RSL_OPT_EMAIL_ALIASES' => '999999999',
'LG_RSL_OPT_EMAIL_AUTORESPONDERS' => '999999999',
'LG_RSL_OPT_EMAIL_BOXES' => '999999999',
'LG_RSL_OPT_EMAIL_GROUPS' => '999999999',
'LG_RSL_OPT_FTP_ACCOUNTS' => '999999999',
'LG_RSL_OPT_MYSQL_DBS' => '999999999',
'LG_RSL_OPT_MYSQL_DB_USERS' => '999999999',
'LG_RSL_OPT_POINTER_DOMAINS' => '999999999',
'LG_RSL_OPT_SITEWORX_ACCOUNTS' => '999999999',
'LG_RSL_OPT_SLAVE_DOMAINS' => '999999999',
'LG_RSL_OPT_SUBDOMAINS' => '999999999',
'LG_RSL_OPT_THEMES' => '1',
),
'password!' => NULL,
),
),
```

Action: *queryEditIPv6Pools*

Added in version 5.1.0-838

Description Displays the information available to the action "editIPv6Pools".

Input Parameters

Name	Type	Notes	Required?
reseller_id	integer		Yes

Sample output

```
array (
'status' => 0,
'payload' =>
array (
'ipv6_pool' =>
array (
0 => 'dead::/24',
1 => 'dead::/64',
),
'reseller_id' => '1',
),
),
```

Action: *queryResellerBandwidth*

Added in version 4.9.0-427

Description Query Reseller Account bandwidth usage data for any billing period.

Input Parameters

Name	Type	Notes	Required?
resellers	struct (string)	Help Entry Select resellers to view bandwidth data for. Selecting none is the same as selecting all. Example Values reseller@interworx.com	No
timestamp	integer	Help Entry A Unix Timestamp to identify the billing period from which the bandwidth data will be shown. If blank, defaults to the current time.	No

Action: *queryResellerDetails*

Added in version 4.8.0-393

Description Query reseller account details.**Input Parameters**

Name	Type	Notes	Required?
reseller	string	Example Values reseller@interworx.com	Yes

Action: *querySiteworxAccounts*

Added in version 5.1.0-941

Description Show siteworx accounts owned by a reseller account.**Input Parameters**

Name	Type	Notes	Required?
reseller_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *removeIp*

Added in version 5.0.14-579

Description Remove access to an IP from a reseller.**Input Parameters**

Name	Type	Notes	Required?
reseller_id	integer		Yes
ip	struct (string)	Example Values 10.1.15.101	Yes

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 49

Controller: /nodeworx/reseller/bandwidthhistory

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listBandwidth*

Added in version 4.8.0-393

Description List the bandwidth history overview.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'periodstart' => '1530417600',
          'periodend' => '1533095999',
          'http' => 0,
          'ftp' => 0,
          'total' => 0,
        ),
      1 =>
        array (
          'periodstart' => '1517461200',
          'periodend' => '1519880399',
          'http' => 0,
          'ftp' => 0,
          'total' => 0,
        ),
      2 =>
        array (
          'periodstart' => '1514782800',
          'periodend' => '1517461199',
          'http' => 0,
          'ftp' => 0,
          'total' => 0,
        ),
    ),
)
```

Action: *queryBandwidth*

Added in version 4.8.0-393

Description Search for bandwidth history for a given reseller.

Input Parameters

Name	Type	Notes	Required?
nodeworx_id	integer		No

Action: *queryBandwidthDetails*

Added in version 4.8.0-393

Description Search for reseller bandwidth details for a given period.

Input Parameters

Name	Type	Notes	Required?
nodeworx_id	integer		No
period	integer		Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmt, MailSmt2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 50

Controller: /nodeworx/reseller/packages

Required Permissions "RESELLER"

Action: *add*

Added in version 4.7.0-339

Description Add a Reseller Package.

Input Parameters

Name	Type	Notes	Required?
package_name	string		Yes
RSL_OPT_STORAGE	Integer	Description Megabytes Help Entry The amount of storage allocated to this reseller	Yes
RSL_OPT_OVERSELL_STORAGE	Integer	Description Megabytes Help Entry With storage overselling enabled, the reseller can allocate more storage to the SiteWorx accounts than is technically allowed by the Storage Space allowance for the reseller account. Example Values 1, 0	Yes
RSL_OPT_BANDWIDTH	Integer	Description Gigabytes / Month Help Entry The amount of bandwidth per month allocated to this reseller	Yes
RSL_OPT_OVERSELL_BANDWIDTH	Integer	Description Gigabytes / Month Help Entry With bandwidth overselling enabled, the reseller can allocate more bandwidth to the SiteWorx accounts than is technically allowed by the Bandwidth allowance for the reseller account. Example Values 1, 0	Yes

RSL_OPT_EMAIL_ALIASES	Integer	Help Entry The number of e-mail aliases (often called e-mail forwards) allowed across all accounts owned by this reseller	Yes
RSL_OPT_EMAIL_AUTORESPONDERS	Integer	Help Entry The number of e-mail autoresponders, also called robots, allowed across all accounts owned by this reseller	Yes
RSL_OPT_EMAIL_BOXES	Integer	Help Entry The number of POP3/IMAP e-mail boxes allowed across all accounts owned by this reseller	Yes
RSL_OPT_EMAIL_GROUPS	Integer	Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed across all accounts owned by this reseller	Yes
RSL_OPT_FTP_ACCOUNTS	Integer	Help Entry The number of FTP accounts allowed across all accounts owned by this reseller	Yes
RSL_OPT_MYSQL_DATABASES	Integer	Help Entry The number of MySQL databases allowed across all accounts owned by this reseller	Yes
RSL_OPT_MYSQL_USERS	Integer	Help Entry The number of MySQL users allowed across all accounts owned by this reseller	Yes
RSL_OPT_POINTER_DOMAINS	Integer	Help Entry The number of pointer domains allowed across all accounts owned by this reseller	Yes
RSL_OPT_SITEWORX_ACCOUNTS	Integer	Help Entry The number of SiteWorx accounts this reseller can create	Yes
RSL_OPT_SLAVE_DOMAINS	Integer	Help Entry The number of secondary domains allowed across all accounts owned by this reseller	Yes
RSL_OPT_SUBDOMAINS	Integer	Help Entry The number of subdomains allowed across all accounts owned by this reseller	Yes
RSL_OPT_THEMES	Integer	Help Entry Allow users to upload custom interface themes. Example Values 1, 0	Yes

Action: *backup*

Added in version 4.8.3-414

Description Backup a reseller package.

Input Parameters

Name	Type	Notes	Required?
id	struct (integer)		Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a reseller package.

Input Parameters

Name	Type	Notes	Required?
id	struct (integer)		Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit an existing Reseller Package.

Input Parameters

Name	Type	Notes	Required?
id	integer		Yes
package_name	string	Example Default Value Package By Test	No*
RSL_OPT_STORAGE	Double	Description Megabytes Help Entry The amount of storage allocated to this reseller Example Default Value 999999999	No*
RSL_OPT_OVERSELLING	Integer	Description Megabytes Help Entry With storage overselling enabled, the reseller can allocate more storage to the SiteWorx accounts than is technically allowed by the Storage Space allowance for the reseller account. Example Values 1, 0 Example Default Value 1	No*
RSL_OPT_BANDWIDTH	Double	Description Gigabytes / Month Help Entry The amount of bandwidth per month allocated to this reseller Example Default Value 999999999	No*

RSL_OPT_OVERSELLING_ENABLED	Integer	<p>Description</p> <p>Gigabytes / Month</p> <p>Help Entry</p> <p>With bandwidth overselling enabled, the reseller can allocate more bandwidth to the SiteWorx accounts than is technically allowed by the Bandwidth allowance for the reseller account.</p> <p>Example Values</p> <p>1, 0</p> <p>Example Default Value</p> <p>1</p>	No*
RSL_OPT_EMAIL_ALIASES	Integer	<p>Help Entry</p> <p>The number of e-mail aliases (often called e-mail forwards) allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*
RSL_OPT_EMAIL_AUTORESPONDERS	Integer	<p>Help Entry</p> <p>The number of e-mail autoresponders, also called robots, allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*
RSL_OPT_EMAIL_BOXES	Integer	<p>Help Entry</p> <p>The number of POP3/IMAP e-mail boxes allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*
RSL_OPT_EMAIL_GROUPS	Integer	<p>Help Entry</p> <p>The number of group e-mail (aliases that send to multiple recipients) accounts allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*
RSL_OPT_FTP_ACCOUNTS	Integer	<p>Help Entry</p> <p>The number of FTP accounts allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*
RSL_OPT_MYSQL_DBS	Integer	<p>Help Entry</p> <p>The number of MySQL databases allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*
RSL_OPT_MYSQL_USERS	Integer	<p>Help Entry</p> <p>The number of MySQL users allowed across all accounts owned by this reseller</p> <p>Example Default Value</p> <p>999999999</p>	No*

RSL_OPT_POINTER_DOMAINS	Integer	Help Entry The number of pointer domains allowed across all accounts owned by this reseller Example Default Value 999999999	No*
RSL_OPT_SITEWORX_ACCOUNTS	Integer	Help Entry The number of SiteWorx accounts this reseller can create Example Default Value 999999999	No*
RSL_OPT_SLAVE_DOMAINS	Integer	Help Entry The number of secondary domains allowed across all accounts owned by this reseller Example Default Value 999999999	No*
RSL_OPT_SUBDOMAINS	Integer	Help Entry The number of subdomains allowed across all accounts owned by this reseller Example Default Value 999999999	No*
RSL_OPT_THEMES	Integer	Help Entry Allow users to upload custom interface themes. Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *import*

Added in version 4.8.3-414

Description Import a reseller package.

Input Parameters

Name	Type	Notes	Required?
package_file	string		Yes
overwrite	integer	Example Values 1	No

Action: *listDetails*

Added in version 4.7.0-339

Description Lists Reseller package details.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'id' => '17',
          'name' => 'Package By Test',
          'RSL_OPT_STORAGE' => 999999999,
          'RSL_OPT_OVERSELL_STORAGE' => true,
          'RSL_OPT_BANDWIDTH' => 999999999,
          'RSL_OPT_OVERSELL_BANDWIDTH' => true,
          'RSL_OPT_EMAIL_ALIASES' => 999999999,
          'RSL_OPT_EMAIL_AUTORESPONDERS' => 999999999,
          'RSL_OPT_EMAIL_BOXES' => 999999999,
          'RSL_OPT_EMAIL_GROUPS' => 999999999,
          'RSL_OPT_FTP_ACCOUNTS' => 999999999,
          'RSL_OPT_MYSQL_DBS' => 999999999,
          'RSL_OPT_MYSQL_DB_USERS' => 999999999,
          'RSL_OPT_POINTER_DOMAINS' => 999999999,
          'RSL_OPT_SITENWORX_ACCOUNTS' => 999999999,
          'RSL_OPT_SLAVE_DOMAINS' => 999999999,
          'RSL_OPT_SUBDOMAINS' => 999999999,
          'RSL_OPT_THEMES' => true,
        ),
      ),
    ),
)
```

Action: *listIds*

Added in version 4.7.0-339

Description List reseller packages by id.

Warning This action has been deprecated as of version 4.8.0-393. 2011-01-25 Use listResellerPackages instead.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '17',
          1 => 'Package By Test',
        ),
      ),
    ),
)
```

Action: *listResellerPackages*

Added in version 4.8.0-393

Description List reseller packages.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'id' => '17',
          'name' => 'Package By Test',
          'options' => 'RSL_OPT_STORAGE=999999999,RSL_OPT_OVERSELL_STORAGE=1,RSL_OPT_BANDWIDTH=999999999,RSL_OPT_OVERSELL_BANDWIDTH=1,RSL_OPT_EMAIL_ALIASES=999999999,RSL_OPT_
        ),
      ),
    ),
)
```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".**Input Parameters**

Name	Type	Notes	Required?
id	integer		Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'package_name' => 'Package By Test',
    'RSL_OPT_STORAGE' => '999999999',
    'RSL_OPT_OVERSELL_STORAGE' => '1',
    'RSL_OPT_BANDWIDTH' => '999999999',
    'RSL_OPT_OVERSELL_BANDWIDTH' => '1',
    'RSL_OPT_EMAIL_ALIASES' => '999999999',
    'RSL_OPT_EMAIL_AUTORESPONDERS' => '999999999',
    'RSL_OPT_EMAIL_BOXES' => '999999999',
    'RSL_OPT_EMAIL_GROUPS' => '999999999',
    'RSL_OPT_FTP_ACCOUNTS' => '999999999',
    'RSL_OPT_MYSQL_DBS' => '999999999',
    'RSL_OPT_MYSQL_DB_USERS' => '999999999',
    'RSL_OPT_POINTER_DOMAINS' => '999999999',
    'RSL_OPT_SITWORX_ACCOUNTS' => '999999999',
    'RSL_OPT_SLAVE_DOMAINS' => '999999999',
    'RSL_OPT_SUBDOMAINS' => '999999999',
    'RSL_OPT_THEMES' => '1',
    'id' => '17',
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Action: *win***

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 51

Controller: /nodeworx/rrd

Required Permissions "GRAPHS"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 52

Controller: /nodeworx/settings

Required Permissions "SETTINGS"

Action: *edit*

Added in version 4.7.0-339

Description Edit misc interworx settings.

Input Parameters

Name	Type	Notes	Required?
iworx.license_key	string	Description Changing this to an invalid key will lock you out of NodeWorx. Be very sure of what you are doing. Example Default Value INTERWORX_APIDOC2	No*
iworx_debug	integer	Description This option will enable more detailed error messages. Help Entry #### Example Values 1, 0 Example Default Value 1	No*
iworx_debug_templates	integer	Description This option turns on a pop-up window with information available to template designers. Example Values 1, 0 Example Default Value 0	No*

form_xhr_validate	integer	<p>Description When enabled, forms are validated line-by-line as the user inputs data.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
form_check_all	integer	<p>Description Sets the threshold for showing "check all" helpers for groups of checkboxes</p> <p>Example Default Value 7</p>	No*
form_xhr_log_reload	integer	<p>Description Sets how many seconds the log-viewer forms will wait until refreshing the log. Default: 5</p> <p>Example Default Value 5</p>	No*
iworx_default_timezone	string	<p>Description The global timezone to be used within InterWorx.</p> <p>Example Values Africa/Abidjan, Africa/Accra, Africa/Addis_Ababa, Africa/Algiers, Africa/Asmara, Africa/Bamako, Africa/Bangui, Africa/Banjul, Africa/Bissau, Africa/Blantyre, Africa/Brazzaville, Africa/Bujumbura, Africa/Cairo, Africa/Casablanca, Africa/Ceuta, Africa/Conakry, Africa/Dakar, Africa/Dar_es_Salaam, Africa/Djibouti, Africa/Douala, Africa/El_Aaiun, Africa/Freetown, Africa/Gaborone, Africa/Harare, Africa/Johannesburg, Africa/Juba, Africa/Kampala, Africa/Khartoum, Africa/Kigali, Africa/Kinshasa, Africa/Lagos, Africa/Libreville, Africa/Lome, Africa/Luanda, Africa/Lubumbashi, Africa/Lusaka, Africa/Malabo, Africa/Maputo, Africa/Maseru, Africa/Mbabane, Africa/Mogadishu, Africa/Monrovia, Africa/Nairobi, Africa/Ndjamena, Africa/Niamey, Africa/Nouakchott, Africa/Ouagadougou, Africa/Porto-Novo, Africa/Sao_Tome, Africa/Tripoli, ...</p> <p>Example Default Value America/New_York</p>	No*
constants_date_format	string	<p>Description Compatible with PHP's strftime() function. Controls the format of displayed dates in the interface. Default is %Y-%m-%d.</p> <p>Example Default Value %Y-%m-%d</p>	No*
constants_time_format	string	<p>Description Compatible with PHP's strftime() function. Controls the format of displayed times in the interface. Default is %H:%M:%S.</p> <p>Example Default Value %H:%M:%S</p>	No*

constants_datetime_format	string	<p>Description Compatible with PHP's strftime() function. Controls the format of displayed dates with times in the interface. Default is %Y-%m-%d %H:%M:%S.</p> <p>Example Default Value %Y-%m-%d %H:%M:%S</p>	No*
thousands_sep	string	<p>Description The character that will be used as the thousands separator.</p> <p>Example Values comma, period, space</p> <p>Example Default Value comma</p>	No*
constants_dec_point	string	<p>Description The character that will be used as the decimal point.</p> <p>Example Default Value .</p>	No*
qmail_use_senderip	integer	<p>Description When Sender IP is enabled, mail will be sent from the SiteWorx account's IP address.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
mail_default_from	string	<p>Description Email address used as the sender for notification emails</p> <p>Example Default Value selenium@interworx.com</p>	No*
mail_default_from_name	string	<p>Description Name used as the sender for notification emails</p> <p>Example Default Value NodeWorx Server Manager</p>	No*
horde_enabled	integer	<p>Description Display Horde in the webmail selector. NOTE: This does not uninstall the interworx-horde RPM</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
roundcube_enabled	integer	<p>Description Display Roundcube in the webmail selector. NOTE: This does not uninstall the interworx-roundcube RPM</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

squirrelmail_enabled	integer	<p>Description Display SquirrelMail in the webmail selector. NOTE: this does not uninstall the interworx-squirrelmail RPM</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
webmail_default	string	<p>Description The webmail client that is pre-selected by default at /webmail.</p> <p>Example Values horde, roundcube, squirrelmail</p> <p>Example Default Value horde</p>	No*
nodeworx_login_autocomplete	integer	<p>Description Allow autocomplete on the NodeWorx login form.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx.templates_nodeworx	string	<p>Description Theme to use before users are logged into NodeWorx.</p> <p>Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice</p> <p>Example Default Value heliotrope</p>	No*
iworx.language_nodeworx	string	<p>Description Language to use before users are logged into NodeWorx.</p> <p>Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt</p> <p>Example Default Value en-us</p>	No*
support.url_user	string	<p>Description Link to use for NodeWorx support. NOTE: this may be overridden in custom templates.</p> <p>Example Default Value http://www.interworx.com/support/faq/topics/nodeworx-faq/</p>	No*
nodeworx_siteworx_accounting_perpage	integer	<p>Example Default Value 20</p>	No*
siteworx_login_autocomplete	integer	<p>Description Allow autocomplete on the SiteWorx login form.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

iworx.templates_siteworxstring		<p>Description Theme to use before users are logged into SiteWorx.</p> <p>Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice</p> <p>Example Default Value heliotrope</p>	No*
iworx.language_siteworxstring		<p>Description Language to use before users are logged into SiteWorx.</p> <p>Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt</p> <p>Example Default Value en-us</p>	No*
support.url_siteworx_usestring		<p>Description Link to use for SiteWorx support. NOTE: this may be overridden in custom templates.</p> <p>Example Default Value http://www.interworx.com/support/faq/topics/siteworx-faq/</p>	No*
siteworx_show_box_sizeinteger		<p>Description Calculates the disk storage taken by each mailbox. This can take a long time, especially in domains with many email boxes.</p> <p>Help Entry Calculates the disk storage taken by each mailbox. This can take a long time, especially in domains with many email boxes.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
siteworx.logs_save_transferlogsinteger		<p>Description Defines how many days to keep daily transfer logs on SiteWorx accounts before purging them.</p> <p>Example Default Value 7</p>	No*
siteworx.logs_save_errorlogsinteger		<p>Description Defines how many days to keep daily error logs on SiteWorx accounts before purging them.</p> <p>Example Default Value 7</p>	No*

siteworx_allow_crossaccounts	integer	<p>Description Having subdomains split to their own SiteWorx accounts is desirable in many cases - for example, it allows the subdomain to run under its own Unix User for security. However, a malicious user could create their own Secondary Domain to hijack a subdomain of another account.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx_fileman	integer	<p>Description Enable or Disable the control panel file manager server-wide.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx.backup_siteworx_schedule	integer	<p>Description If enabled, SiteWorx accounts will be permitted to schedule SiteWorx backups.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx.backup_enable_daily	integer	<p>Description If enabled, SiteWorx accounts with the Backup package option enabled will be permitted to schedule daily SiteWorx backups.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx.backup_enable_weekly	integer	<p>Description If enabled, SiteWorx accounts with the Backup package option enabled will be permitted to schedule weekly SiteWorx backups.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx.backup_enable_monthly	integer	<p>Description If enabled, SiteWorx accounts with the Backup package option enabled will be permitted to schedule monthly SiteWorx backups.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

iworx.backup_use_user_quota	integer	<p>Description If enabled, SiteWorx backup storage will apply against the SiteWorx account storage quota.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
iworx.backup_rotate_max	integer	<p>Description This number ONLY applies to backups stored in the "default" backup storage location for a given account (/home/user/domain/iworx-backup). Scheduled backups that are transferred via the SCP or FTP transfer mechanisms are NOT rotated.</p> <p>Help Entry Indicates the maximum number of backups to keep before removing old backups.</p> <p>Example Default Value 25</p>	No*
conf.editing_http	integer	<p>Description Controls whether the config file can be edited through the web interface</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
conf.editing_ftp	integer	<p>Description Controls whether the config file can be edited through the web interface</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
conf.editing_ssh	integer	<p>Description Controls whether the config file can be edited through the web interface</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
stats.awstats_enabled	integer	<p>Description This globally disables AWStats log analysis.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

stats.analog_enabled	integer	<p>Description This globally disables Analog log analysis.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
stats.webalizer_enabled	integer	<p>Description This globally disables Webalizer log analysis.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
stats.realtime_memory	charstring	<p>Description Controls the style of the memory graph in the NodeWorx overview page.</p> <p>Example Values simple, advanced</p> <p>Example Default Value simple</p>	No*
rrd_ping_host	string	<p>Description Website used for measuring ping latency.</p> <p>Example Default Value yahoo.com</p>	No*
stats.realtime_default_network	string	<p>Description This is the default network device used for charts. Updating this value may not show an immediate change: chart images are cached for a short time.</p> <p>Example Values eth0, lo</p> <p>Example Default Value eth0</p>	No*
apache.file_vhost-base	string	<p>Description File to use as the template for creating virtual hosts when creating SiteWorx accounts and secondary domains.</p> <p>Example Default Value /home/interworx/etc/vhost-base.conf</p>	No*
apache_sni_enabled	integer	<p>Description SNI, or Server Name Indication, allows multiple SSL certificates to be installed on one IP address. For more information, see: http://en.wikipedia.org/wiki/Server_Name_Indication</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

iworx.passwords_threshold	integer	<p>Description Prevent users from setting passwords below this strength threshold. Common passwords will still be blocked from use.</p> <p>Example Values 0, 1, 2, 3, 4</p> <p>Example Default Value 0</p>	No*
iworx.passwords_length	integer	<p>Description The minimum allowable length for user passwords.</p> <p>Example Default Value 6</p>	No
quota_partition	string	<p>Description Partition where user home folders reside. Used for calculating storage quotas, etc.</p> <p>Example Values /, /dev/shm, /boot</p> <p>Example Default Value /</p>	No*
quota_quota-overflow-pct	integer	<p>Description The percentage by which a SiteWorx account may temporarily exceed the assigned storage quota.</p> <p>Example Default Value 25</p>	No*
quota_grace_time	integer	<p>Description The amount of time a SiteWorx account may temporarily exceed the assigned storage quota. 604800 = 7 days, 259200 = 3 days, 86400 = 1 day, etc.</p> <p>Example Default Value 604800</p>	No*
dir_tmp	string	<p>Description Directory to use for temporary files.</p> <p>Example Default Value /tmp</p>	No*
domain-blacklist	struct (string)	<p>Description A list of domains that cannot be created in SiteWorx for security purposes.</p>	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'iworx_version' => '6.1.23',
      'iworx_rpm_release' => '6.1.23-1488',
      'iworx_license_key' => 'INTERWORX_APIDOC2',
      'iworx_debug' => '1',
      'iworx_debug_templates' => '0',
      'form_xhr_validate' => '1',
      'form_check_all' => '1',
      'form_xhr_log_reload' => '5',
      'iworx_default_timezone' => 'America/New_York',
      'constants_date_format' => 'MY-M-d',
      'constants_time_format' => 'H:MM:SS',
      'constants_datetime_format' => 'MY-M-d H:MM:SS',
      'thousands_sep' => 'comma',
      'constants_dec_point' => '.',
      'qmail_use_senderip' => '1',
      'mail_default_from' => 'selenium@interworx.com',
      'mail_default_from_name' => 'NodeWorx Server Manager',
      'horde_enabled' => '1',
      'roundcube_enabled' => '1',
      'squirrelmail_enabled' => '1',
      'webmail_default' => 'horde',
      'nodeworx_login_autocomplete' => '1',
      'iworx_templates_nodeworx' => 'heliotrope',
      'iworx_language_nodeworx' => 'en-us',
      'support_url_user' => 'http://www.interworx.com/support/faq/topics/nodeworx-faq/',
      'nodeworx_siteworx_accounts_perpage' => '20',
      'siteworx_login_autocomplete' => '1',
      'iworx_templates_siteworx' => 'heliotrope',
      'iworx_language_siteworx' => 'en-us',
      'support_url_siteworx_user' => 'http://www.interworx.com/support/faq/topics/siteworx-faq/',
      'siteworx_show_box_size' => '1',
      'siteworx_logs_save_xferlogs' => '1',
      'siteworx_logs_save_errlogs' => '1',
      'siteworx_allows_crossaccount_subdomains' => '1',
      'iworx_fileman' => '1',
      'iworx_backup_siteworx_schedule' => '1',
      'iworx_backup_enable_daily' => '1',
      'iworx_backup_enable_weekly' => '1',
      'iworx_backup_enable_monthly' => '1',
      'iworx_backup_use_user_quota' => '1',
      'iworx_backup_rotate_max' => '25',
      'conf_editing_http' => '1',
      'conf_editing_ftp' => '1',
      'conf_editing_ssh' => '1',
      'stats_avstats_enabled' => '1',
      'stats_analog_enabled' => '1',
      'stats_webalizer_enabled' => '1',
      'stats_realtime_mem_chart' => 'simple',
      'rrd_ping_host' => 'yahoo.com',
      'stats_realtime_default_network_interface' => 'eth0',
      'apache_file_vhost_base' => '/home/interworx/etc/vhost-base.conf',
      'apache_sni_enabled' => '1',
      'iworx_passwords_threshold' => '0',
      'iworx_passwords_length' => '6',
      'quota_partition' => '/',
      'quota_quota_overflow_pct' => '25',
      'quota_grace_time' => '604800',
      'dir_tmp' => '/tmp',
      'domain_blacklist' =>
        array (
          0 => 'gmail.com',
          1 => 'yahoo.com',
          2 => 'hotmail.com',
          3 => 'gmx.de',
          4 => 'googlemail.com',
          5 => 'mail.ru',
          6 => 'web.de',
          7 => 'live.com',
          8 => 'aol.com',
          9 => 'gmx.net',
          10 => 'yandex.ru2',
          11 => 'me.com',
          12 => 'msn.com',
          13 => 'comcast.net',
          14 => 'hushmail.com',
          15 => 'yahoo.de',
          16 => 'hotmail.co.uk',
          17 => 'lavabit.com',
          18 => 'sbcglobal.net',
          19 => 'safe-mail.net',
          20 => 'ymail.com',
          21 => 'yahoo.co.uk',
          22 => 'mac.com',
          23 => 'qq.com',
          24 => 'gmx.com',
          25 => 'hotmail.de',
          26 => 'ya.ru',
          27 => 'rambler.ru',
          28 => 'o2.pl',
          29 => 'abv.bg',
          30 => 'freenet.de',
          31 => 'mailinator.com',
          32 => 'gmx.at',
          33 => 'cox.net',
          34 => 'rocketmail.com',
          35 => 'bk.ru',
          36 => 'ukr.net',
```

```

37 => '163.com',
38 => 'arcor.de',
39 => 'mail.com',
40 => 'list.ru',
41 => 'att.net',
42 => 'aim.com',
43 => 'live.co.uk',
44 => 'inbox.ru',
45 => 'verizon.net',
46 => '126.com',
47 => 'hush.com',
48 => 't-online.de',
49 => 'free.fr',
50 => 'shaw.ca',
51 => 'wp.pl',
52 => 'hotmail.fr',
53 => 'yahoo.com.au',
54 => 'live.de',
55 => 'yahoo.ca',
56 => 'btinternet.com',
57 => 'iki.fi',
58 => 'hotmail.it',
59 => 'yahoo.it',
60 => 'mail.bg',
61 => 'live.com.au',
62 => 'fastmail.fm',
63 => 'yahoo.fr',
64 => 'seznam.cz',
65 => 'gmx.ch',
66 => 'bellsouth.net',
67 => 'online.de',
68 => 'live.se',
69 => 'zoho.com',
70 => 'tiscali.it',
71 => 'pobox.com',
72 => 'nym.hush.com',
73 => 'i2pmail.org',
74 => 'earthlink.net',
75 => 'tut.by',
76 => 'libero.it',
77 => 'juno.com',
78 => 'hush.ai',
79 => 'snkmail.com',
80 => 'charter.net',
81 => 'sina.com',
82 => 'riseup.net',
83 => 'centrum.cz',
84 => 'yahoo.es',
85 => 'yahoo.com.vn',
86 => 'yahoo.com.cn',
87 => 'mit.edu',
88 => 'live.dk',
89 => 'live.ca',
90 => 'inbox.lv',
91 => 'i.ua',
92 => 'telus.net',
93 => 'telia.com',
94 => 'telenet.be',
95 => 'optonline.net',
96 => 'klzlk.com',
97 => 'yahoo.se',
98 => 'yahoo.com.ar',
99 => 'sharedaddy.com',
100 => 'rochester.xr.com',
101 => 'prime.gushi.org',
102 => 'yahoo.com.br',
103 => 'tlen.pl',
104 => 'sporktronics.com',
105 => 'spangourmet.com',
106 => 'live.nl',
107 => 'live.fr',
108 => 'inbox.com',
109 => 'hmail.com',
110 => 'email.com',
111 => 'bluewin.ch',
112 => 'google.com',
113 => 'excite.com',
114 => 'address.com',
115 => 'altavista.net',
116 => 'netscape.net',
117 => 'netscape.com',
118 => 'attracta.com',
),
),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes
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Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 53

Controller: /nodeworx/shell

Required Permissions "SWACCOUNTS"

Action: *changeshell*

Added in version 4.8.0-393

Description Change the user's shell.

Input Parameters

Name	Type	Notes	Required?
users	struct (string)	Example Values example, nfsnobody, axfrdns	Yes
shell	string	Example Values /bin/sh, /bin/bash, /sbin/nologin, /bin/dash, /usr/sbin/jk_chrootsh Example Default Value /sbin/nologin	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *disable*

Added in version 4.8.0-393

Description Disable the specified shell user.

Input Parameters

Name	Type	Notes	Required?
users	struct (string)	Example Values example, nfsnobody, axfrdns	Yes

Action: *enable*

Added in version 4.8.0-393

Description Enable the specified shell user.

Input Parameters

Name	Type	Notes	Required?
users	struct (string)	Example Values example, nfsnobody, axfrdns	Yes

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *forbiddenUsers*

Added in version 4.11.0-456

Description Modify the list of disabled uniqnames.

Input Parameters

Name	Type	Notes	Required?
forbidden_unix_user	struct (string)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listSiteworxUsers*

Added in version 4.8.0-393

Description Lists the SiteWorx shell users.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'shell' => '/sbin/nologin',
      'home' => '/home/example',
      'info' => '',
      'gid' => '679',
      'uid' => '679',
      'x' => 'x',
      'user' => 'example',
      'pass' => '!!!',
      'disabled' => true,
      'siteworx' => 'example.com',
      'history' =>
      array (
        'history' => false,
        'user' => 'example',
      ),
    ),
  ),
)
```

Action: *listSystemUsers*

Added in version 4.8.0-393

Description Lists the System shell users.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'shell' => '/bin/bash',
      'home' => '/root',
      'info' => 'root',
      'gid' => '0',
      'uid' => '0',
      'x' => 'x',
      'user' => 'root',
      'pass' => '$$Q0SkvW8d$ib5oSdfeYT68.T1jbF.roHKJAM0B ear4rnAfJ/I.mGwhpX8ayw4jtOpxRXZQLL1eN28Qd5jjJpB JD7F8D7R0Q.',
      'disabled' => false,
      'history' =>
      array (
        'history' => true,
        'user' => 'root',
      ),
    ),
    1 =>
    array (
      'shell' => '/sbin/nologin',
      'home' => '/var/lib/nfs',
      'info' => 'Anonymous NFS User',
      'gid' => '65534',
      'uid' => '65534',
      'x' => 'x',
      'user' => 'nfsnobody',
      'pass' => '!!!',
      'disabled' => true,
      'history' =>
      array (
        'history' => false,
        'user' => 'nfsnobody',
      ),
    ),
    2 =>
    array (
      'shell' => '/bin/bash',
      'home' => '/home/axfrdns',
      'info' => '',
      'gid' => '500',
      'uid' => '500',
      'x' => 'x',
      'user' => 'axfrdns',
      'pass' => '!!!',
      'disabled' => true,
      'history' =>
      array (
        'history' => false,
        'user' => 'axfrdns',
      ),
    ),
  ),
),
)

```

Action: password

Added in version 4.7.0-339

Description Change a shell user password.

Input Parameters

Name	Type	Notes	Required?
user	string	Example Values root, nfsnobody, axfrdns, example	Yes
current_password	string	Help Entry The current password, used to authenticate changes.	Yes
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes

Action: queryChangeshell

Added in version 5.1.0-838

Description Displays the information available to the action "changeshell".

Input Parameters

Name	Type	Notes	Required?
users	struct (string)	Example Values example, nfsnobody, axfrdns	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'shell' => '/sbin/nologin',
      'users' =>
        array (
          0 => 'example',
        ),
    ),
)
```

Action: *queryShellOptions*

Added in version 5.1.0-838

Description Displays the information available to the action "shellOptions".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'shell' => '/bin/bash',
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *shellOptions*

Added in version 4.7.0-339

Description Change the default shell.

Input Parameters

Name	Type	Notes	Required?
shell	string	Example Values /bin/sh, /bin/bash, /sbin/nologin, /bin/dash, /usr/sbin/jk_chrootsh Example Default Value /bin/bash	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 54

Controller: /nodeworx/simplescripts

Action: *editConfig*

Added in version 4.7.0-339

Description Edit the simple scripts configuration.

Input Parameters

Name	Type	Notes	Required?
selector	integer	Example Values 1, 0 Example Default Value 0	No*
host_key	string		No
host_api_key	string		No
reseller_config	string	Example Values use_own, use_main Example Default Value use_own	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes
------------	--------	---	-----

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 55

Controller: /nodeworx/siteworx

Required Permissions "SWACCOUNTS"

Action: *add*

Added in version 4.7.0-339

Description Add a SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
master_domain	string	Help Entry Enter the domain name you would like to setup a SiteWorx account for on this line. You should enter the domain name only, WITHOUT the 'www' prefix (i.e. yourdomain.com and NOT www.yourdomain.com). If you would like to setup an account with a prefix, (i.e. games.yourdomain.com) you can do that here, and it will make a SiteWorx account for that domain. You can also setup yourdomain.com and then add a 'games' subdomain from within SiteWorx if you prefer.	Yes
master_domain_ipv4	string	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104	Yes
ipv6_pool	string	Example Values 0, dead::/24 Example Default Value 0	No*
master_domain_ipv6_frosting	string		No
master_domain_ipv6	string	Example Values 0, 2001:db8::d:1101	No
database_server	string	Help Entry Select the database server from the list that you would like to use. Example Values localhost Example Default Value localhost	No*

uniqname	string		Yes
nickname	string	Help Entry A 'nickname' can be given to each SiteWorx account holder. This field is optional.	No
email	string	Help Entry Enter the e-mail address of this SiteWorx account holder. This will serve as a contact address for the account and will be used by the account holder to log into SiteWorx.	Yes
encrypted	string	Description "y" if the password is ALREADY encrypted, "n" if the password is not yet encrypted. Default: n Example Values y, n Example Default Value n	No*
password	string	Help Entry Enter a password for the SiteWorx account holder and make it secure (i.e. long and random);).	Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes
language	string	Help Entry Language used for user when logged in Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
theme	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice Example Default Value calliope	No*
menu_style	string	Example Values big, small Example Default Value big	No*
billing_day	integer	Help Entry The billing day is the day of the month (1-31) that this reseller's monthly bandwidth calculation will start back at 0. Example Values 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 Example Default Value 1	No*

additional_ipv4	struct (string)	Example Values 10.1.15.100, 10.1.15.101, 10.1.15.102, 10.1.15.103, 10.1.15.104 Example Default Value ["10.1.15.100"]	No
additional_ipv6	struct (string)	Example Values 2001:db8::d:1101	No
php_version	string	Help Entry Used for the master domain of the SiteWorx account, this also serves as the "default" version when adding new secondary domains. Example Values system-php, /opt/remi/php70, /opt/remi/php71 Example Default Value /opt/remi/php71	No*
php_available	struct (string)	Help Entry Versions of PHP to be available for the SiteWorx account to assign to domains. Example Values system-php, /opt/remi/php70, /opt/remi/php71 Example Default Value ["\opt\remi\php71"]	No*
packagetable	string	Help Entry A package template is a blueprint for the package to setup. You do not have to use a package template, but it is often easier to use one so you do not have to specify all options every time you setup a SiteWorx account. Example Values , unlimited, fifteens	No
create_package	integer	Example Values 1	No
new_package_name	string		No
OPT_STORAGE	double	Description Megabytes Help Entry The amount of storage space allowed in megabytes	Yes
OPT_BANDWIDTH	double	Description Gigabytes / Month Help Entry The amount of bandwidth allowed per month in gigabytes	Yes
OPT_EMAIL_ALIASES	integer	Help Entry The number of e-mail aliases (often called e-mail forwards) allowed	Yes
OPT_EMAIL_AUTORESPONDERS	integer	Help Entry The number of e-mail autoresponders, also called robots, allowed	Yes

OPT_EMAIL_BOXES	integer	Help Entry The number of POP3/IMAP e-mail boxes allowed	Yes
OPT_EMAIL_GROUPS	integer	Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed	Yes
OPT_FTP_ACCOUNTS	integer	Help Entry The number of FTP accounts allowed	Yes
OPT_MYSQL_DBS	integer	Help Entry The number of MySQL databases allowed	Yes
OPT_MYSQL_DB_USERS	integer	Help Entry The number of MySQL users allowed	Yes
OPT_POINTER_DOMAINS	integer	Help Entry The number of domains that can be pointed to this domain. Sometimes called "parked" domains.	Yes
OPT_SLAVE_DOMAINS	integer	Help Entry The number of secondary domains allowed. Sometimes called "add-on" domains.	Yes
OPT_SUBDOMAINS	integer	Help Entry The number of subdomains allowed	Yes
OPT_BACKUP	integer	Help Entry Enables the ability to backup the account Example Values 1, 0 Example Default Value 0	No*
OPT_CGI_ACCESS	integer	Help Entry Indicator of whether or not CGI script access is enabled Example Values 1, 0 Example Default Value 0	No*
OPT_CRONTAB	integer	Help Entry Access to Crontab Example Values 1, 0 Example Default Value 0	No*

OPT_DNS_RECORDS	integer	<p>Help Entry If yes, the SiteWorx account will be able to edit its own DNS records. (MX, SPF, and Domainkeys records are not effected by this setting)</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
OPT_SSL	integer	<p>Help Entry Enable SSL Certificates</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
OPT_BURSTABLE	integer	<p>Help Entry If you choose to be "burstable" your site will be able to go over its bandwidth allotment, perhaps at an extra cost (depending on the agreement). If you choose no, your bandwidth will be capped at a predefined limit and you will not be able to transfer any more data once the transfer limit is reached.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
OPT_SAVE_XFER_LOGS	integer	<p>Help Entry If you answer yes to saving the transfer logs, the transfer logs will be saved in a format that can be downloaded. If you answer no, your logs are not saved and can not be downloaded and analyzed offline.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
fpm_max_children	integer	<p>Help Entry Limits the number of simultaneous requests. Be careful with large numbers, as too many high-memory requests can cause the server to swap.</p> <p>Example Default Value 4</p>	No*
fpm_max_requests	integer	<p>Help Entry The number of requests each child process should execute before respawning. This can be useful to work around memory leaks in 3rd party libraries. For endless request processing specify '0'</p> <p>Example Default Value 8192</p>	No*

fpm_process_management	string	Help Entry Choose how the process manager will control the number of child processes. Possible values: static, ondemand, dynamic. Example Values dynamic, static, ondemand Example Default Value ondemand	No*
fpm_start_servers	integer	Help Entry The number of child processes created on startup. Used only when pm is set to dynamic. Example Default Value 2	No
fpm_min_spare_servers	integer	Help Entry The desired minimum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 1	No
fpm_max_spare_servers	integer	Help Entry The desired maximum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 4	No
fpm_process_idle_time	string	Help Entry The number of seconds after which an idle process will be killed. Used only when pm is set to ondemand. Available units: s(econds)(default), m(inutes), h(ours), or d(ays).	No
restart_httpd	integer	Example Values 1, 0 Example Default Value 1	No*
simplescripts	integer	Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *addIp*

Added in version 5.0.14-579

Description Adds an IP to the list of available IPs for a SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

domain	string	Example Values example.com	Yes
ipv4	struct (string)	Example Values 10.1.15.102, 10.1.15.103, 10.1.15.104	No
ipv6	struct (string)	Example Values 2001:db8::d:1101	No

Action: *bulkactivate***Added in version** 4.7.0-339**Description** Bulk activate SiteWorx Accounts.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-01-20 Use unsuspend instead.**Input Parameters**

Name	Type	Notes	Required?
domains	struct (string)	Example Values example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *bulkdeactivate***Added in version** 4.7.0-339**Description** Bulk deactivate SiteWorx accounts.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-01-20 Use suspend instead.**Input Parameters**

Name	Type	Notes	Required?
domains	struct (string)	Example Values example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *bulkdelete***Added in version** 4.7.0-339**Description** Bulk delete SiteWorx accounts.**Warning** This action has been deprecated as of version 4.8.0-393. 2011-01-20 Use delete instead.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

domains	struct (string)	Example Values example.com	Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete a SiteWorx Account.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com	Yes
purge_pool_ipv6	integer	Help Entry Selecting this option will cause any IPv6 addresses for this SiteWorx account to be deactivated and released back to the Pool if not in use elsewhere. Example Values 1 Example Default Value 1	No
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *deleteConfig*

Added in version 6.0.10-1379

Description Delete SiteWorx Level Config Data.

Input Parameters

Name	Type	Notes	Required?
master_domain	string	Example Values example.com	Yes
config_name	struct (string)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *edit*

Added in version 4.7.0-339

Description Edit a SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes
reseller	integer	Example Values 1, 16 Example Default Value 1	No*
status	integer	Example Values 1, 0 Example Default Value 1	No*
nickname	string	Help Entry A 'nickname' can be given to each SiteWorx account holder. This field is optional. Example Default Value Example User	No
email	string	Help Entry Enter the e-mail address of this SiteWorx account holder. This will serve as a contact address for the account and will be used by the account holder to log into SiteWorx. Example Default Value user@example.com	No*
encrypted	string	Description "y" if the password is ALREADY encrypted, "n" if the password is not yet encrypted. Default: n Example Values y, n Example Default Value n	No*
password	string	Help Entry Enter a password for the SiteWorx account holder and make it secure (i.e. long and random ;).	No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No
language	string	Help Entry Language used for user when logged in Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*

theme	string	<p>Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice</p> <p>Example Default Value calliope</p>	No*
menu_style	string	<p>Example Values big, small</p> <p>Example Default Value big</p>	No*
billing_day	integer	<p>Help Entry The billing day is the day of the month (1-31) that this reseller's monthly bandwidth calculation will start back at 0.</p> <p>Example Values 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31</p> <p>Example Default Value 1</p>	No*
ipv6_pool	string	<p>Help Entry Changing the IPv6 Pool will affect future IP assignments only. Current IPv6 assignments will not be changed.</p> <p>Example Values 0, dead::/24</p> <p>Example Default Value 0</p>	No*
php_version	string	<p>Help Entry This controls the default version pre-selected when adding new secondary domains.</p> <p>Example Values system-php, /opt/remi/php70, /opt/remi/php71</p> <p>Example Default Value /opt/remi/php71</p>	No*
php_available	struct (string)	<p>Help Entry Versions of PHP to be available for the SiteWorx account to assign to domains.</p> <p>Example Values system-php, /opt/remi/php70, /opt/remi/php71</p> <p>Example Default Value ["\opt\remi\php71"]</p>	No*
packagetemplate	string	<p>Help Entry A package template is a blueprint for the package to setup. You do not have to use a package template, but it is often easier to use one so you do not have to specify all options every time you setup a SiteWorx account.</p> <p>Example Values __example.com, unlimited, fifteens</p> <p>Example Default Value __example.com</p>	No

OPT_STORAGE	double	Description Megabytes Help Entry The amount of storage space allowed in megabytes Example Default Value 999999999	No*
OPT_BANDWIDTH	double	Description Gigabytes / Month Help Entry The amount of bandwidth allowed per month in gigabytes Example Default Value 999999999	No*
OPT_EMAIL_ALIASES	integer	Help Entry The number of e-mail aliases (often called e-mail forwards) allowed Example Default Value 999999999	No*
OPT_EMAIL_AUTORESPONDERS	integer	Help Entry The number of e-mail autoresponders, also called robots, allowed Example Default Value 999999999	No*
OPT_EMAIL_BOXES	integer	Help Entry The number of POP3/IMAP e-mail boxes allowed Example Default Value 999999999	No*
OPT_EMAIL_GROUPS	integer	Help Entry The number of group e-mail (aliases that send to multiple recipients) accounts allowed Example Default Value 999999999	No*
OPT_FTP_ACCOUNTS	integer	Help Entry The number of FTP accounts allowed Example Default Value 999999999	No*
OPT_MYSQL_DBS	integer	Help Entry The number of MySQL databases allowed Example Default Value 999999999	No*
OPT_MYSQL_DB_USERS	integer	Help Entry The number of MySQL users allowed Example Default Value 999999999	No*

OPT_POINTER_DOMAINS	integer	<p>Help Entry The number of domains that can be pointed to this domain. Sometimes called "parked" domains. Example Default Value 999999999</p>	No*
OPT_SLAVE_DOMAINS	integer	<p>Help Entry The number of secondary domains allowed. Sometimes called "add-on" domains. Example Default Value 999999999</p>	No*
OPT_SUBDOMAINS	integer	<p>Help Entry The number of subdomains allowed Example Default Value 999999999</p>	No*
OPT_BACKUP	integer	<p>Help Entry Enables the ability to backup the account Example Values 1, 0 Example Default Value 1</p>	No*
OPT_CGI_ACCESS	integer	<p>Help Entry Indicator of whether or not CGI script access is enabled Example Values 1, 0 Example Default Value 1</p>	No*
OPT_CRONTAB	integer	<p>Help Entry Access to Crontab Example Values 1, 0 Example Default Value 1</p>	No*
OPT_DNS_RECORDS	integer	<p>Help Entry If yes, the SiteWorx account will be able to edit its own DNS records. (MX, SPF, and Domainkeys records are not effected by this setting) Example Values 1, 0 Example Default Value 1</p>	No*
OPT_SSL	integer	<p>Help Entry Enable SSL Certificates Example Values 1, 0 Example Default Value 1</p>	No*

OPT_BURSTABLE	integer	<p>Help Entry</p> <p>If you choose to be "burstable" your site will be able to go over its bandwidth allotment, perhaps at an extra cost (depending on the agreement). If you choose no, your bandwidth will be capped at a predefined limit and you will not be able to transfer any more data once the transfer limit is reached.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
OPT_SAVE_XFER_LOGS	integer	<p>Help Entry</p> <p>If you answer yes to saving the transfer logs, the transfer logs will be saved in a format that can be downloaded. If you answer no, your logs are not saved and can not be downloaded and analyzed offline.</p> <p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*
fpm_max_children	integer	<p>Help Entry</p> <p>Limits the number of simultaneous requests. Be careful with large numbers, as too many high-memory requests can cause the server to swap.</p> <p>Example Default Value 4</p>	No*
fpm_max_requests	integer	<p>Help Entry</p> <p>The number of requests each child process should execute before respawning. This can be useful to work around memory leaks in 3rd party libraries. For endless request processing specify '0'</p> <p>Example Default Value 8192</p>	No*
fpm_process_management	string	<p>Help Entry</p> <p>Choose how the process manager will control the number of child processes. Possible values: static, ondemand, dynamic.</p> <p>Example Values dynamic, static, ondemand</p> <p>Example Default Value ondemand</p>	No*
fpm_start_servers	integer	<p>Help Entry</p> <p>The number of child processes created on startup. Used only when pm is set to dynamic.</p> <p>Example Default Value 2</p>	No

fpm_min_spare_servers	integer	Help Entry The desired minimum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 1	No
fpm_max_spare_servers	integer	Help Entry The desired maximum number of idle server processes. Used only when pm is set to dynamic. Example Default Value 4	No
fpm_process_idle_time	string	Help Entry The number of seconds after which an idle process will be killed. Used only when pm is set to ondemand. Available units: s(econds)(default), m(inutes), h(ours), or d(ays).	No
simplescripts	integer	Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listAccounts*

Added in version 4.8.0-393

Description List Siteworx accounts summary.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'siteworx_id' => '282',
      'uniqueid' => 'example',
      'date_created' => '1531337335',
      'status' => 'active',
      'nodeworx_id' => '1',
      'package_id' => '286',
      'nickname' => 'Example User',
      'email' => 'user@example.com',
      'user_type' => 'master',
      'domain' => 'example.com',
      'domain_type' => 'master',
      'storage' => '0',
      'storage_pct' => '0',
      'bandwidth' => '0',
      'bandwidth_pct' => '0',
      'max_bandwidth' => '999999999',
      'max_storage' => '999999999',
      'is_favorite' => '0',
      'php_version' => '/opt/remi/php71',
      'homedir' => '/chroot/home/example',
      'domainroot' => '/chroot/home/example/example.com',
      'docroot' => '/chroot/home/example/example.com/html',
    ),
  ),
)
```

Action: *listBandwidthAndStorage***Added in version** 4.7.0-339**Description** Lists bandwidth and storage usage for current billing period in megabytes.**Warning** This action has been deprecated as of version 6.1.23-1488. 2017-10-12**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'id' => '282',
          'domain' => 'example.com',
          'bandwidth_used' => '0.00',
          'bandwidth' => '999999999',
          'storage_used' => '0.00',
          'storage' => '999999999',
        ),
      ),
    ),
)
```

Action: *listBandwidthAndStorageInMB***Added in version** 5.1.0-838**Description** Lists bandwidth and storage usage for current billing period in megabytes.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'id' => '282',
          'domain' => 'example.com',
          'bandwidth_used' => '0.00',
          'bandwidth' => 1023999998976,
          'storage_used' => '0.00',
          'storage' => '999999999',
        ),
      ),
    ),
)
```

Action: *listConfig***Added in version** 6.1.22-1486**Description** List all SiteWorx Level Config Data.**Input Parameters**

Name	Type	Notes	Required?
master_domain	string	Example Values example.com	Yes

Action: *listCurrentDomainBandwidthData***Added in version** 4.7.0-339**Description** List bw data for all master and secondary domains for the active biling period.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'reseller_id' => '1',
      'email' => 'nodeworx.user@example.com',
      'domain_name' => 'example.com',
      'master_domain' => 'example.com',
      'bw_type' => 'http',
      'in_counter' => '10',
      'out_counter' => '0',
      'in_bytes' => '0',
      'out_bytes' => '0',
    ),
  ),
)
```

Action: *listDedicatedFreeIps*

Added in version 4.7.0-339

Description List available dedicated ip addresses.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => '10.1.15.103',
      1 => '10.1.15.103 (Dedicated)',
    ),
    1 =>
    array (
      0 => '10.1.15.104',
      1 => '10.1.15.104 (Dedicated)',
    ),
  ),
)
```

Action: *listDomainAccounts*

Added in version 6.1.23-1488

Description List Siteworx accounts including master and secondary domain details.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'siteworx_id' => '282',
      'uniqueid' => 'example',
      'date_created' => '1531337335',
      'status' => 'active',
      'nodeworx_id' => '1',
      'package_id' => '286',
      'nickname' => 'Example User',
      'email' => 'user@example.com',
      'user_type' => 'master',
      'domain' => 'example.com',
      'domain_type' => 'master',
      'storage' => '0',
      'storage_pct' => '0',
      'bandwidth' => '0',
      'bandwidth_pct' => '0',
      'max_bandwidth' => '999999999',
      'max_storage' => '999999999',
      'is_favorite' => '0',
      'php_version' => '/opt/remi/php71',
      'homedir' => '/chroot/home/example',
      'domainroot' => '/chroot/home/example/example.com',
      'docroot' => '/chroot/home/example/example.com/html',
    ),
    1 =>
    array (
      'siteworx_id' => '282',
    ),
  ),
)
```

```

'uniqueid' => 'example',
'date_created' => '1531337335',
'status' => 'active',
'nodeworx_id' => '1',
'package_id' => '286',
'nickname' => 'Example User',
'email' => 'user@example.com',
'user_type' => 'master',
'domain' => 'secondary.com',
'domain_type' => 'slave',
'storage' => '0',
'storage_pct' => '0',
'bandwidth' => '0',
'bandwidth_pct' => '0',
'max_bandwidth' => '999999999',
'max_storage' => '999999999',
'is_favorite' => '0',
'php_version' => '/opt/remi/php71',
'homedir' => '/chroot/home/example',
'domainroot' => '/chroot/home/example/secondary.com',
'docroot' => '/chroot/home/example/secondary.com/html',
'master_domain' => 'example.com',
),
)

```

Action: *listFreeIps*

Added in version 4.7.0-339

Description List available ip addresses.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => '10.1.15.100',
      1 => '10.1.15.100 (Shared)',
    ),
    1 =>
    array (
      0 => '10.1.15.101',
      1 => '10.1.15.101 (Shared)',
    ),
    2 =>
    array (
      0 => '10.1.15.102',
      1 => '10.1.15.102 (Shared)',
    ),
  ),
)

```

Action: *listMasterDomains*

Added in version 4.7.0-339

Description List master domains.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 => 'example.com',
  ),
)

```

Action: *listSharedFreeIps*

Added in version 4.7.0-339

Description List available shared ip addresses.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => '10.1.15.100',
      1 => '10.1.15.100 (Shared)',
    ),
    1 =>
    array (
      0 => '10.1.15.101',
      1 => '10.1.15.101 (Shared)',
    ),
    2 =>
    array (
      0 => '10.1.15.102',
      1 => '10.1.15.102 (Shared)',
    ),
  ),
)

```

Action: *listSiteworxAccounts*

Added in version 4.7.0-339

Description List SiteWorx accounts (id, status, domain).

Warning This action has been deprecated as of version 4.8.0-393. 2011-01-21 Use listAccounts.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'id' => '282',
      'domain' => 'example.com',
      'status' => 'active',
    ),
  ),
)

```

Action: *matchPackagesWithTemplates*

Added in version 6.1.1-1445

Description Find existing package template names and match account packages to them.

Action: *queryAccountBandwidth*

Added in version 4.9.0-427

Description Query Siteworx Account bandwidth usage data for any billing period.

Input Parameters

Name	Type	Notes	Required?
domains	struct (string)	<p>Help Entry Select accounts to view bandwidth data for. Selecting none is the same as selecting all.</p> <p>Example Values example.com</p>	No
timestamp	integer	<p>Help Entry A Unix Timestamp to identify the billing period from which the bandwidth data will be shown. If blank, defaults to the current time.</p>	No

Action: *queryAvailableIps*

Added in version 5.0.14-579

Description Displays Ips that are available to a master siteworx account.**Input Parameters**

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes

Action: *queryConfig*

Added in version 6.0.10-1379

Description Query SiteWorx Level Config Data.**Input Parameters**

Name	Type	Notes	Required?
master_domain	string	Example Values example.com	Yes
config_name	string		Yes

Action: *queryDomain*

Added in version 4.9.0-427

Description Query the system for a domain information.**Input Parameters**

Name	Type	Notes	Required?
domain	string		Yes

Action: *queryDomainInfo*

Added in version 4.9.0-427

Description Get info about a domain on the system. Can be used to see if a domain exists.**Input Parameters**

Name	Type	Notes	Required?
domain	string	Example Values secondary.com, pointer.com, example.com, sub.example.com	Yes

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'master_domain' => 'example.com',
    'master_domain_ipv4' => '10.1.15.100',
    'database_server' => 'localhost',
    'reseller' => '1',
    'username' => 'example',
    'status' => 'active',
    'nickname' => 'Example User',
    'email' => 'user@example.com',
    'encrypted' => 'n',
    'password' => NULL,
    'confirm_password' => NULL,
    'language' => 'en-us',
    'theme' => 'calliope',
    'menu_style' => 'big',
    'billing_day' => '1',
    'additional_ipv4' =>
    array (
      0 => '10.1.15.100',
      1 => '10.1.15.101',
    ),
    'ipv6_pool' => '0',
    'additional_ipv6' =>
    array (
    ),
    'php_version' => '/opt/remi/php71',
    'php_available' =>
    array (
      0 => '/opt/remi/php71',
    ),
    'packagetemplate' => '__example.com',
    'OPT_STORAGE' => '999999999',
    'OPT_BANDWIDTH' => '999999999',
    'OPT_EMAIL_ALIASES' => '999999999',
    'OPT_EMAIL_AUTORESPONDERS' => '999999999',
    'OPT_EMAIL_BOXES' => '999999999',
    'OPT_EMAIL_GROUPS' => '999999999',
    'OPT_FTP_ACCOUNTS' => '999999999',
    'OPT_MYSQL_DBS' => '999999999',
    'OPT_MYSQL_DB_USERS' => '999999999',
    'OPT_POINTER_DOMAINS' => '999999999',
    'OPT_SLAVE_DOMAINS' => '999999999',
    'OPT_SUBDOMAINS' => '999999999',
    'OPT_BACKUP' => 'true',
    'OPT_CGI_ACCESS' => 'true',
    'OPT_CRONTAB' => 'true',
    'OPT_DNS_RECORDS' => 'true',
    'OPT_SSL' => 'true',
    'OPT_BURSTABLE' => 'true',
    'OPT_SAVE_XFER_LOGS' => 'true',
    'fpm_max_children' => '4',
    'fpm_max_requests' => '8192',
    'fpm_process_management' => 'ondemand',
    'fpm_start_servers' => '2',
    'fpm_min_spare_servers' => '1',
    'fpm_max_spare_servers' => '4',
    'fpm_process_idle_timeout' => '120s',
    'simplescripts' => '1',
    'domain' => 'example.com',
    'options' =>
    array (
      'LG_OPT_STORAGE' => '999999999',
      'LG_OPT_BANDWIDTH' => '999999999',
      'LG_OPT_EMAIL_ALIASES' => '999999999',
      'LG_OPT_EMAIL_AUTORESPONDERS' => '999999999',
      'LG_OPT_EMAIL_BOXES' => '999999999',
      'LG_OPT_EMAIL_GROUPS' => '999999999',
      'LG_OPT_FTP_ACCOUNTS' => '999999999',
      'LG_OPT_MYSQL_DBS' => '999999999',
      'LG_OPT_MYSQL_DB_USERS' => '999999999',
      'LG_OPT_POINTER_DOMAINS' => '999999999',
      'LG_OPT_SLAVE_DOMAINS' => '999999999',
      'LG_OPT_SUBDOMAINS' => '999999999',
      'LG_OPT_BACKUP' => 'true',
      'LG_OPT_CGI_ACCESS' => 'true',
      'LG_OPT_CRONTAB' => 'true',
      'LG_OPT_DNS_RECORDS' => 'true',
      'LG_OPT_SSL' => 'true',
      'LG_OPT_BURSTABLE' => 'true',
      'LG_OPT_SAVE_XFER_LOGS' => 'true',
    ),
    'ipaddr' => '10.1.15.100',
    'password1' => NULL,
    'password2' => NULL,
    'package_name' => '__example.com',
  ),
),
```

Action: *queryIps*

Added in version 5.1.0-838

Description Displays the information available to the action "ips".

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'domain_copy' => 'example.com',
    'domain' => 'example.com',
  ),
)
```

Action: *querySiteworxAccountDetails*

Added in version 4.7.0-339

Description Get all SiteWorx account properties of a given domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes

Action: *querySiteworxAccounts*

Added in version 4.7.0-339

Description Query Siteworx accounts by specifying which properties you want returned.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com Example Default Value ["example.com"]	No*

account_data	struct (string)	<p>Example Values id, status, date_inactive, inactive_msg, billingday, external_id, unixuser, date_created, nickname, email, language, theme, domain, ip, package_name, storage_used, bandwidth_used, uid, gid, reseller_id, opt_storage, opt_bandwidth, opt_email_aliases, opt_email_autoresponders, opt_email_boxes, opt_email_groups, opt_ftp_accounts, opt_mysql_dbs, opt_mysql_db_users, opt_pointer_domains, opt_slave_domains, opt_subdomains, opt_backup, opt_cgi_access, opt_crontab, opt_dns_records, opt_ssl, opt_burstable, opt_save_xfer_logs, all_package_options</p> <p>Example Default Value ["id","status","domain"]</p>	No*
--------------	-----------------	---	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *removeIp*

Added in version 5.0.14-579

Description Removes IPs from SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes
ip	struct (string)	Example Values 10.1.15.101	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *search*

Added in version 4.8.0-393

Description Search siteworx accounts summary.

Input Parameters

Name	Type	Notes	Required?
query	string		No
reseller	string	Example Values all, 1, 16	Yes

Action: *setConfig*

Added in version 6.0.10-1379

Description Set SiteWorx Level Config Data.

Input Parameters

Name	Type	Notes	Required?
master_domain	string	Example Values example.com	Yes
config_name	struct (string)		No*
config_value	struct (string)		No

* indicates that it's actually required, but probably already has a valid default value

Action: *siteworxLogin*

Added in version 4.7.0-339

Description Login to a given SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
login_domain	string	Example Values secondary.com, pointer.com, example.com, sub.example.com	Yes
account_action	string	Example Values siteworxLogin, edit Example Default Value siteworxLogin	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *suspend*

Added in version 4.7.0-339

Description Suspend a SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com	Yes
message	string	Help Entry This optional message will be displayed to users when they attempt to login to SiteWorx. It will also be visible in NodeWorx.	No

Action: *suspendByUser*

Added in version 4.8.0-393

Description Suspend a SiteWorx account by unix user name.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Example Values example	Yes

Action: *syncServerAlias*

Added in version 4.7.0-339

Description Synchronize server aliases with InterWorx database.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *syncVirtualHosts*

Added in version 4.7.0-339

Description Synchronize InterWorx and Apache virtual host blocks.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *toggleFavorite*

Added in version 4.7.0-339

Description Toggle a "favorite" SiteWorx account.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com	Yes

Action: *unsuspend***Added in version** 4.7.0-339**Description** Unsuspend a SiteWorx account.**Input Parameters**

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com	Yes

Action: *unsuspendByUser***Added in version** 4.8.0-393**Description** Unsuspend a SiteWorx account by unix user name.**Input Parameters**

Name	Type	Notes	Required?
user	struct (string)	Example Values example	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 56

Controller: /nodeworx/sshd

Required Permissions "SSH"

Action: *autoRestart*

Added in version 4.7.0-339

Description Configure SSHD auto-restart.

Input Parameters

Name	Type	Notes	Required?
sshd_autorestart	integer	Help Entry With this option on, SSH will restart automatically if SSH goes down unexpectedly Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version 4.7.0-339

Description Magic function - test for failure mechanism.

Action: *isRunning*

Added in version 4.7.0-339

Description Checks if the service is running or not.

Sample output

```
array (
  'status' => 0,
  'payload' => true,
)
```

Action: *isRunningOnNode*

Added in version 4.7.0-339

Description Checks if the service is running on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listGeneralName*

Added in version 4.7.0-339

Description Lists the "normal" name - ie "web server" instead of "httpd".

Sample output

```
array (
  'status' => 0,
  'payload' => '##LG_SSHSERVER##',
)
```

Action: *listPortNumbers*

Added in version 4.7.0-339

Description Lists a string of the port numbers that this service uses, comma-seperated.

Sample output

```
array (
  'status' => 0,
  'payload' => '22',
)
```

Action: *listPortNumbersArray*

Added in version 4.7.0-339

Description Lists array of port numbers and ranges that this service uses.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => '22',
    ),
)
```

Action: *listRequiredPermissions***Added in version** 4.7.0-339**Description** Lists an array of permissions required to control the service.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'SSH',
    ),
)
```

Action: *listServiceInfo***Added in version** 4.7.0-339**Description** Lists the service name, ports, page, and status.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'id' => 'sshd',
      'name' => '##LG_SSHSERVER##',
      'ports' => '22',
      'page' => '/nodeworx/sshd',
      'ctrl' => '/nodeworx/sshd',
      'is_running' => 1,
    ),
)
```

Action: *listServiceName***Added in version** 4.7.0-339**Description** Lists the service name - ie "httpd" instead of "web server".**Sample output**

```
array (
  'status' => 0,
  'payload' => 'sshd',
)
```

Action: *listServicePage***Added in version** 4.7.0-339**Description** Lists the page that controls the service.**Sample output**

```
array (
  'status' => 0,
  'payload' => '/nodeworx/sshd',
)
```

Action: *listSessions***Added in version** 4.8.0-393**Description** Lists information about current shell sessions.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'pid' => '2823',
          'user' => 'root',
          'from' => '##LG_CONSOLE##',
          'logintime' => '2018-07-11 12:48 ',
          'idletime' => '02:44',
          'command' => '-bash'
        ),
      ),
    ),
)
```

Action: *queryAutoRestart***Added in version** 5.1.0-838**Description** Displays the information available to the action "autoRestart".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'sshd_autorestart' => '0',
    ),
)
```

Action: *queryEditConf***Added in version** 5.1.0-838**Description** Displays the information available to the action "editConf".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'file' => '/etc/ssh/sshd_config',
      'file_content' => '# $OpenBSD: sshd_config,v 1.80 2008/07/02 02:24:18 dja Exp $

# This is the sshd server system-wide configuration file.  See
# sshd_config(5) for more information.

# This sshd was compiled with PATH=/usr/local/bin:/bin:/usr/bin

# The strategy used for options in the default sshd_config shipped with
# OpenSSH is to specify options with their default value where
# possible, but leave them commented.  Uncommented options change a
# default value.

#Port 22
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::

# Disable legacy (protocol version 1) support in the server for new
# installations.  In future the default will change to require explicit
# activation of protocol 1
Protocol 2

# HostKey for protocol version 1
#HostKey /etc/ssh/ssh_host_key
# HostKeys for protocol version 2
#HostKey /etc/ssh/ssh_host_rsa_key
#HostKey /etc/ssh/ssh_host_dsa_key
```

```

# Lifetime and size of ephemeral version 1 server key
#KeyRegenerationInterval 1h
#ServerKeyBits 1024

# Logging
# obsoletes QuietMode and FascistLogging
#SyslogFacility AUTH
SyslogFacility AUTHPRIV
#LogLevel INFO

# Authentication:

#LoginGraceTime 2m
#PermitRootLogin yes
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10

#RSAAuthentication yes
#PubkeyAuthentication yes
#AuthorizedKeysFile .ssh/authorized_keys
#AuthorizedKeysCommand none
#AuthorizedKeysCommandRunAs nobody

# For this to work you will also need host keys in /etc/ssh/ssh_known_hosts
#RhostsRSAAuthentication no
# similar for protocol version 2
#HostbasedAuthentication no
# Change to yes if you don't trust ~/.ssh/known_hosts for
# RhostsRSAAuthentication and HostbasedAuthentication
#IgnoreUserKnownHosts no
# Don't read the user's ~/.rhosts and ~/.shosts files
#IgnoreRhosts yes

# To disable tunneled clear text passwords, change to no here!
#PasswordAuthentication yes
#PermitEmptyPasswords no
PasswordAuthentication yes

# Change to no to disable s/key passwords
#ChallengeResponseAuthentication yes
ChallengeResponseAuthentication no

# Kerberos options
#KerberosAuthentication no
#KerberosOrLocalPasswd yes
#KerberosTicketCleanup yes
#KerberosGetAFSToken no
#KerberosUseKuserok yes

# GSSAPI options
#GSSAPIAuthentication no
GSSAPIAuthentication yes
#GSSAPICleanupCredentials yes
GSSAPICleanupCredentials yes
#GSSAPIStrictAccepterCheck yes
#GSSAPIKeyExchange no

# Set this to 'yes' to enable PAM authentication, account processing,
# and session processing. If this is enabled, PAM authentication will
# be allowed through the ChallengeResponseAuthentication and
# PasswordAuthentication. Depending on your PAM configuration,
# PAM authentication via ChallengeResponseAuthentication may bypass
# the setting of "PermitRootLogin without-password".
# If you just want the PAM account and session checks to run without
# PAM authentication, then enable this but set PasswordAuthentication
# and ChallengeResponseAuthentication to 'no'.
#UsePAM no
UsePAM yes

# Accept locale-related environment variables
AcceptEnv LANG LC_CTYPE LC_NUMERIC LC_TIME LC_COLLATE LC_MONETARY LC_MESSAGES
AcceptEnv LC_PAPER LC_NAME LC_ADDRESS LC_TELEPHONE LC_MEASUREMENT
AcceptEnv LC_IDENTIFICATION LC_ALL LANGUAGE
AcceptEnv XMODIFIERS

#AllowAgentForwarding yes
#AllowTcpForwarding yes
#GatewayPorts no
#X11Forwarding no
X11Forwarding yes
#X11DisplayOffset 10
#X11UseLocalhost yes
#PrintMotd yes
#PrintLastLog yes
#TCPKeepAlive yes
#UseLogin no
#UsePrivilegeSeparation yes
#PermitUserEnvironment no
#Compression delayed
#ClientAliveInterval 0
#ClientAliveCountMax 3
#ShowPatchLevel no
#UseDNS yes
#PidFile /var/run/sshd.pid
#MaxStartups 10:30:100
#PermitTunnel no
#ChrootDirectory none

# no default banner path
#Banner none

# override default of no subsystems
Subsystem sftp /usr/libexec/openssh/sftp-server

# Example of overriding settings on a per-user basis
#Match User anoncs

```

```
# X11Forwarding no
# AllowTcpForwarding no
# ForceCommand cvs server',
),
)
```

Action: *queryUpdateConfig*

Added in version 5.1.0-838

Description Displays the information available to the action "updateConfig".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'port' => '22',
      'allow_root' => 'yes',
      'sshd_login_timeout' => '120',
      'sshd_loglevel' => 'info',
      'sshd_priv_separate' => 'yes',
    ),
)
```

Action: *reroute*

Added in version 4.7.0-339

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *restart*

Added in version 4.7.0-339

Description Restarts the service.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

Action: *restartOnNode*

Added in version 4.7.0-339

Description Restarts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *start*

Added in version 4.7.0-339

Description Starts the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *startOnBoot*

Added in version 4.7.0-339

Description Configure SSHD start-on-boot.

Input Parameters

Name	Type	Notes	Required?
sshd_startonboot	integer	Help Entry If set to 'Yes', SSH will be automatically started when the server starts up. Example Values 1, 0 Example Default Value 1	No*

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *startOnNode*

Added in version 4.7.0-339

Description Starts the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *stop*

Added in version 4.7.0-339

Description Stops the service.

Input Parameters

Name	Type	Notes	Required?
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *stopOnNode*

Added in version 4.7.0-339

Description Stops the service on a specific node (Clustering only).

Input Parameters

Name	Type	Notes	Required?
node_id	string		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *terminate*

Added in version 4.8.0-393

Description Terminate shell sessions.

Input Parameters

Name	Type	Notes	Required?
pid	struct (integer)	Example Values 2823	Yes

Action: *updateConfig*

Added in version 4.7.0-339

Description Configure SSHD server settings.**Input Parameters**

Name	Type	Notes	Required?
port	integer	Example Default Value 22	No*
allow_root	string	Help Entry Sets whether the root user can log in via ssh. Options are: Yes - Root user is permitted to log inWithout Password - Disables password authentication for the root user.Forced Command Only - Login is allowed but only if a command option was specified. Example: <pre>ssh root@test.com uptime</pre>No - Root user is not permitted to log in. Example Values yes, without-password, forced-commands-only, no Example Default Value yes	No*
sshd_login_timeout	integer	Help Entry After this timeout period the server will disconnect a user who has not yet successfully logged in Example Default Value 120	No*
sshd_loglevel	string	Help Entry Sets the verbosity that is used when logging sshd messages Example Values quiet, fatal, error, info, verbose, debug1, debug2, debug3 Example Default Value info	No*
sshd_priv_separate	string	Help Entry Toggles privilege separation. Used to prevent privilege escalation during the authentication process. Example Values yes, no Example Default Value yes	No*

cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No
------------------	---------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *updateRrd*

Added in version 4.7.0-339

Description Toggle SSHD rrd graph in web interface.

Input Parameters

Name	Type	Notes	Required?
rrd	integer	Help Entry Use the dropdown to turn the SSH server activity graph on or off. Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *win*

Added in version 4.7.0-339

Description Magic function - test for testing success mechanism.

Chapter 57

Controller: /nodeworx/ssl

Required Permissions "SSL"

Action: *edit*

Added in version 4.7.0-339

Description Edit an ssl certificate.

Input Parameters

Name	Type	Notes	Required?
service	string	Example Values SSL_Apache, SSL_IWorxWeb, SSL_Proftpd, SSL_Email_Pop3, SSL_Email_Imap, SSL_Email_SMTP	Yes
key	string		Yes
crt	string		Yes
chain	string		No
ssl_ciphersuite	string	Help Entry This complex directive uses a colon-separated cipher-spec string consisting of OpenSSL cipher specifications to configure the Cipher Suite the client is permitted to negotiate in the SSL handshake phase. Example Default Value ALL:!ADH:!EXPORT:!SSLv2:RC4+RSA:+HIGH:+MEDIUM:+LOW	No
restart_now	integer	Help Entry Most services require a restart before a new SSL Certificate can be used. Selecting 'YES' will restart the service immediately and selecting 'NO' will restart the service within 5 minutes. Example Values 1, 0 Example Default Value 0	No*
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *generate*****Added in version** 4.7.0-339**Description** Generate a self-signed SSL cert.**Input Parameters**

Name	Type	Notes	Required?
key_length	integer	Example Values 2048, 3072, 4096 Example Default Value 2048	No*
expiration_years	integer	Help Entry Specifies the number of years before the self-signed SSL certificate expires. Example Default Value 1	No*
countryName	string	Help Entry Please enter the 2-letter country code corresponding to your country. Example Values US, CA, AF, AL, DZ, AS, AD, AO, AI, AQ, AG, AR, AM, AW, AU, AT, AZ, BS, BH, BD, BB, BY, BE, BZ, BJ, BM, BT, BO, BA, BW, BV, BR, IO, BN, BG, BF, BI, KH, CM, CV, KY, CF, TD, CL, CN, CX, CC, CO, KM, CG, ... Example Default Value US	No*
stateOrProvinceName	string	Help Entry Please enter the name of the state or province in which you reside.	Yes
localityName	string	Help Entry Please enter the name of the city in which you reside.	Yes
organizationName	string	Help Entry Please enter the name of the company to which this certificate belongs.	Yes
organizationalUnitName	string	Help Entry Please enter the name of the company division to which this certificate belongs.	Yes

commonName	string	Help Entry Please select the domain name (common name) this certificate will use. If you do not see your desired domain, you will first need to add it as a pointerdomain or as a subdomain in SiteWorx. Note that 'www.domain.com' is not the same as 'domain.com'. A wildcard domain begins with an asterisk, '*', and is valid for all subdomains. For example, a Common Name of '*.domain.com' would create a CSR that is valid for 'domain.com', 'sub1.domain.com', 'sub2.domain.com', and so on.	Yes
subjectAltName	struct (string)	Help Entry List alternative domain names you wish to associate with this certificate.	No
emailAddress	string	Help Entry Please enter the email address that is associated with this certificate.	Yes
email_ssl_cert	integer	Help Entry If this option is selected, an e-mail address can be specified. After the certificate is generated, it will be sent to that address. Example Values 1	No
copy_to_email	string	Example Default Value apidocs@interworx.com	No
services	struct (string)	Help Entry Select which services will have the SSL certificated automatically installed. Example Values SSL_Apache, SSL_IWorxWeb, SSL_Proftpd, SSL_Email_Pop3, SSL_Email_Imap, SSL_Email_SMTP	No
restart_now	integer	Help Entry Most services require a restart before a new SSL Certificate can be used. Selecting 'YES' will restart the service immediately and selecting 'NO' will restart the service within 5 minutes. Example Values 1, 0 Example Default Value 0	No

* indicates that it's actually required, but probably already has a valid default value

Action: *listSslCerts*

Added in version 4.8.0-393

Description List installed server SSL Certificates.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
```

```

array (
  'shortname' => 'SSL_Apache',
  'name' => 'Web-Server Default SSL',
  'domain' => 'pi.unit.interworx.com',
  'alt_name' => NULL,
  'is_expired' => true,
  'nearly_expired' => false,
  'expires' => 1449243050,
  'issuer' => 'SomeOrganization',
),
1 =>
array (
  'shortname' => 'SSL_IWorxWeb',
  'name' => 'InterWorx-SSL',
  'domain' => 'default-ssl.interworx.com',
  'alt_name' => NULL,
  'is_expired' => false,
  'nearly_expired' => false,
  'expires' => 1673627390,
  'issuer' => 'INTERWORX LLC',
),
2 =>
array (
  'shortname' => 'SSL_Proftpd',
  'name' => 'FTP Server',
  'domain' => '*.interworx.com',
  'alt_name' => NULL,
  'is_expired' => true,
  'nearly_expired' => false,
  'expires' => 1449246688,
  'issuer' => 'InterWorx, LLC',
),
),
),
)
    
```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
service	string	Example Values SSL_Apache, SSL_IWorxWeb, SSL_Proftpd, SSL_Email_Pop3, SSL_Email_Imap, SSL_Email_SSMTP	Yes

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'key' => '-----BEGIN RSA PRIVATE KEY-----
MIICXQIBAAKBgQDUvS3m16u+GHm4Hh+tszxmNQr0lfxdJGzdMw8hNGX5q6HLg2N
f78d7Msx2cULTYKzU+SQd8yfaTEqJfevLDBqTawCylB/q/jzwYir0r7GX1sxz9n
pOXXJZ7xyazME3b1TU/KOD11sMsVqFucB5J1DVu551Te/ewV9m5nJ+AoqQIDAQAB
AOGAKF/3FDaeV6edgjoFXRwFPiIXBxQ9nJAMarkKafpbJ08c9H7jB5XVGCULVFG9
zV+7P/WSc/wYd1ZfaUu86sL480be/OGChugdFEIwhqAM2p3+x1QL0/5GunXX9S9y
g1BC64vQRbIFIRag5g7g0wDpCAVvt+Ksy785BZsSwCSe/zhAkEA/UKf5GX0jtp
Bh7nN02wBbhd3GaJfK8NI+dzf4E48wRf1/e08s+CpHe540LBE3N1Lx7JvfE0n0sZ
YFj7aof01wJBAncV83b5i43FkabrVginZ6xsgQLoE8XnkzZoogCNL/eVYiawxc
Jat7veKCuHxFrLTQvDkPMuythx6SgoXnn8CQQC39s5VR0jplEgreNcPrLv/07YK
Y/OYbtUykouYzpv5EYofwe6PpvCRimhvxrb0bH0gVPC2gxqD04am1w9PbPAkA0
NSacVVMNCdq1IGPOKk93rrHeRo5e62aGQUj9x3eIvb3U+rStDvg6pPPhyflPq09
H3UZ2UCTDmMvC/z0Ub8tAkA8rUX314/nPzz0XUPYptSBntKkaJjbaq0Thfk0wVRX
D9S8r0I9AnG9kg3KMFHkHDbxmluz4kjq2ZwJVP1w2s0J
-----END RSA PRIVATE KEY-----',
      'crt' => '-----BEGIN CERTIFICATE-----
MIDPzCCAqigAwIBAgICaIIwDQYJKoZIhvcNAQEFBQAwbGsxZCzAJBgNVBAYTAi0t
MR1wEAYDVQQIDAlTb211U3RhdGUxETAPBgNVBACMFNwbWV0aXR6MRkwFwYDVQQK
DBBtB211T3JnYV5pemF0aW9uMR8wHQYDQVVLQGLBZTb211T3JnYV5pemF0aW9uYXVx
bml0MR4wHAYDVQQDDGVuS51bml0LmudGVyd29yeC5jb20xKTAnBgkqhkiG9w0B
CQEFWGNjJw3RAcEudW5pdC5pbncldncngUy29tMB4XDTEOMTwnDE1mZAMFoX
DTEIMTIwNDE1MzA1MFogbGsxZCzAJBgNVBAYTAi0tMR1wEAYDVQQIDAlTb211U3Rh
dGUxETAPBgNVBACMFNwbWV0aXR6MRkwFwYDVQQKBBBtB211T3JnYV5pemF0aW9u
MR8wHQYDQVVLQGLBZTb211T3JnYV5pemF0aW9uYXVxYV5pemF0aW9uYXVxYV5pemF0aW9u
bml0LmudGVyd29yeC5jb20xKTAnBgkqhkiG9w0BCEQEFWGNjJw3RAcEudW5pdC5p
bn1cndvncngUy29tMIGfMAOGCSqS1b3QEBAAQUAA4GNADCBiQKBgQDUvS3m16u+
GHm4Hh+tszxmNQr0lfxdJGzdMw8hNGX5q6HLg2Nf78d7Msx2cULTYKzU+SQd8yfa
TEqJfevLDBqTawCylB/q/jzwYir0r7GX1sxz9npOXXJZ7xyazME3b1TU/KOD11
sMsVqFucB5J1DVu551Te/ewV9m5nJ+AoqQIDAQABo1AwTj4d8NVHQ4EFgQUUGbAM
JWH1B2YZ0sap8Ddry/SrUMUwHwYDVR0jBGBwFoAUGbAMJWH1B2YZ0sap8Ddry/Sr
UMUwDAYSr0TBAUwAwEB/zANBgkqhkiG9w0BAQUFAAOBgQAIbP4d6Mw02zWY56HG
+tM4k2F/d0/t4qkROI+NwbIROD02I2+2aTh//2g4k3R9qj1FvC10uxcGRHA7z0+T
    
```

```
kuBP CY4Fwf8uGdgp0LZBL8zfWhyUzh1S +j6b /PyCLioiYzJz5d5zHlwGnQEvrQs
uuwhJD5UdegHkXZHWq6ML8cJFQ==
-----END CERTIFICATE-----',
  'chain' => '',
  'ssl_ciphersuite' => 'ALL:!ADH:!EXPORT:!SSLv2:RC4+RSA:+HIGH:+MEDIUM:+LOW',
  'restart_now' => '0',
  'service' => 'SSL_Apache',
),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *syncLetsEncrypt*

Added in version 5.1.6-1056

Description Syncs LetsEncrypt certs across cluster.**Action: *updateall***

Added in version 4.7.0-339

Description Update all services to use the same SSL cert.**Input Parameters**

Name	Type	Notes	Required?
cert_source	string	Help Entry When installing service default SSL certificates, you can choose to install the the certificate files directly, or use the certificate files already installed on a domain in SiteWorx. Example Values direct, domain Example Default Value direct	No
key	string		No
crt	string		No
chain	string		No

domain	string	Example Values pointer.com, example.com, sub.example.com	No
services	struct (string)	Help Entry Select which services will have the SSL certificated automatically installed. Example Values SSL_Apache, SSL_IWorxWeb, SSL_Proftpd, SSL_Email_Pop3, SSL_Email_Imap, SSL_Email_SMTP Example Default Value ["SSL_Apache","SSL_IWorxWeb","SSL_Proftpd","SSL_Email_Pop3","SSL_Email_Imap","SSL_Email_SMTP"]	No*
restart_now	integer	Help Entry Most services require a restart before a new SSL Certificate can be used. Selecting 'YES' will restart the service immediately and selecting 'NO' will restart the service within 5 minutes. Example Values 1, 0 Example Default Value 0	No
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *view*

Added in version 4.7.0-339

Description View a given ssl cert, and any related information.

Input Parameters

Name	Type	Notes	Required?
service	string	Example Values SSL_Apache, SSL_IWorxWeb, SSL_Proftpd, SSL_Email_Pop3, SSL_Email_Imap, SSL_Email_SMTP	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 58

Controller: /nodeworx/themes

Required Permissions "THEMES"

Action: *add*

Added in version 4.7.0-339

Description Add a new theme.

Input Parameters

Name	Type	Notes	Required?
archive	string		Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a theme.

Input Parameters

Name	Type	Notes	Required?
theme	string	Example Values blue_steel, coolfreshness, heliotrope, interstate, nexcess	Yes

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List installed themes.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'blue_steel',
      1 => 'Blue Steel',
    ),
    1 =>
    array (
      0 => 'calliope',
      1 => 'Calliope',
    ),
    2 =>
    array (
      0 => 'coolfreshness',
      1 => 'Cool Freshness',
    ),
  ),
)

```

Action: *listDeletable*

Added in version 4.7.0-339

Description List deletable themes.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'blue_steel',
      1 => 'Blue Steel',
    ),
    1 =>
    array (
      0 => 'coolfreshness',
      1 => 'Cool Freshness',
    ),
    2 =>
    array (
      0 => 'heliotrope',
      1 => 'Heliotrope',
    ),
  ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes

Action: *switchAllUsersTheme***Added in version** 4.7.0-339**Description** Switch users from one theme to another.**Input Parameters**

Name	Type	Notes	Required?
change_from	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice	Yes
change_to	string	Example Values calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice	Yes

Action: *syncTheme***Added in version** 4.7.0-339**Description** Synchronizes a theme to the cluster nodes.**Input Parameters**

Name	Type	Notes	Required?
theme	string	Example Values heliotrope, nexcess	Yes

Action: *update***Added in version** 4.7.0-339**Description** Upgrade a theme.**Input Parameters**

Name	Type	Notes	Required?
theme	string	Example Values heliotrope, nexcess	Yes
archive	string		Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 59

Controller: /nodeworx/twofactorauth

Required Permissions "LOGIN"

Action: *delete*

Added in version 5.1.8-1064

Description Delete action.

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *generate*

Added in version 5.1.8-1064

Description Generate action.

Input Parameters

Name	Type	Notes	Required?
code	integer	Help Entry The authentication code generated by the application configured when two-factor authentication was set up.	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Users, Lang, Themes, Apikey, Plugins, Twofactorauth, Notice, Siteworx, Shell, Packages, Backup, Import, Simplescripts, Reseller, ResellerPackages, ResellerBandwidthhistory, Http, Ftp, Sshd, MailMta, MailSmtplib, MailSmtplib2, MailSend, MailMda, MailPop3, MailSpop3, MailImap, MailSimap, MailSpam, MailVirus, MailQueue, Mysql, MysqlRemote, MysqlPhpmyadmin, Dns, DnsZone, DnsRecord, DnsSync, Nfs, NfsExport, NfsMount, Health, Cron, Firewall, Ssl, Logs, Settings, Updates, ...	Yes
------------	--------	---	-----

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 60

Controller: /nodeworx/updates

Required Permissions "UPDATES"

Action: *apply*

Added in version 4.8.0-393

Description Apply available updates for specified packages.

Input Parameters

Name	Type	Notes	Required?
package	struct (integer)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *channels*

Added in version 4.11.4-467

Description Update software channels.

Input Parameters

Name	Type	Notes	Required?
interworx_channel	string	Help Entry Changes the channel that InterWorx receives updates via. Release - the default channel.Stable - The Stable channel is updated with the contents of Release after a period of stability. This applies to ALL updates - including security updates.Release Candidate - This channel contains features that have passed through the Beta process and are scheduled for near-future release.Beta - contains pre-release versions. Recommended for customers that want not-yet-released features or bug fixes, and are willing to help test and provide bug reports. Example Values stable, release, release-candidate, beta Example Default Value beta	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editRepository***Added in version** 5.0.14-579**Description** Edit a repository.**Input Parameters**

Name	Type	Notes	Required?
repository	string		Yes
file	string	Example Values /etc/yum.repos.d/CentOS-Base.repo, /etc/yum.repos.d/CentOS-Debuginfo.repo, /etc/yum.repos.d/CentOS-Media.repo, /etc/yum.repos.d/CentOS-fasttrack.repo, /etc/yum.repos.d/epel-testing.repo, /etc/yum.repos.d/epel.repo, /etc/yum.repos.d/interworx-hotfix.repo, /etc/yum.repos.d/remi-glpi91.repo, /etc/yum.repos.d/remi-glpi92.repo, /etc/yum.repos.d/remi-glpi93.repo, /etc/yum.repos.d/remi-php54.repo, /etc/yum.repos.d/remi-php70.repo, /etc/yum.repos.d/remi-php71.repo, /etc/yum.repos.d/remi-php72.repo, /etc/yum.repos.d/remi-php73.repo, /etc/yum.repos.d/remi-safe.repo, /etc/yum.repos.d/remi.repo	Yes

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *listAvailableUpdates*****Added in version** 4.8.0-393**Description** Lists available updates.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      ),
)
```

Action: *listRecentUpdates***Added in version** 4.8.0-393**Description** Lists recent updates.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'name' => 'hwdata',
          'summary' => 'Hardware identification and configuration data',
          'version' => '0.233',
```

```

    'release' => '20.1.el6',
    'repo' => 'base',
    'has_history' => '1',
    'action_time' => '1531305459',
    'action' => 'updated',
  ),
  1 =>
  array (
    'name' => 'xorg-x11-drv-atl-firmware',
    'summary' => 'ATI firmware for R600/700/Evergreen/NI/PALM',
    'version' => '7.6.1',
    'release' => '4.el6',
    'repo' => 'base',
    'has_history' => '1',
    'action_time' => '1531305459',
    'action' => 'updated',
  ),
  2 =>
  array (
    'name' => 'php71-php-process',
    'summary' => 'Modules for PHP script using system process interfaces',
    'version' => '7.1.19',
    'release' => '1.el6.remi',
    'repo' => 'remi-safe',
    'has_history' => '1',
    'action_time' => '1531305458',
    'action' => 'updated',
  ),
),
),
)

```

Action: *listRepositories*

Added in version 5.0.14-579

Description Lists software repositories.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'name' => 'CentOS-$releasever - Base',
      'repository' => 'base',
      'is_enabled' => 1,
      'file' => '/etc/yum.repos.d/CentOS-Base.repo',
    ),
    1 =>
    array (
      'name' => 'CentOS-$releasever - Updates',
      'repository' => 'updates',
      'is_enabled' => 1,
      'file' => '/etc/yum.repos.d/CentOS-Base.repo',
    ),
    2 =>
    array (
      'name' => 'CentOS-$releasever - Extras',
      'repository' => 'extras',
      'is_enabled' => 1,
      'file' => '/etc/yum.repos.d/CentOS-Base.repo',
    ),
  ),
),
)

```

Action: *listUpdateChannel*

Added in version 5.0.14-579

Description Lists the current update channel for InterWorx.

Sample output

```

array (
  'status' => 0,
  'payload' => 'beta',
)

```

Action: *options***Added in version** 4.7.0-339**Description** Set auto-update options.**Input Parameters**

Name	Type	Notes	Required?
osupdates	integer	Example Values 1, 0 Example Default Value 1	No*
update_email	string	Help Entry InterWorx can send an email to notify recipients that an update has occurred.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *queryChannels***Added in version** 5.1.0-838**Description** Displays the information available to the action "channels".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'interworx_channel' => 'beta',
    ),
)
```

Action: *queryEditRepository***Added in version** 5.1.0-838**Description** Displays the information available to the action "editRepository".**Input Parameters**

Name	Type	Notes	Required?
repository	string		Yes
file	string	Example Values /etc/yum.repos.d/CentOS-Base.repo, /etc/yum.repos.d/CentOS-Debuginfo.repo, /etc/yum.repos.d/CentOS-Media.repo, /etc/yum.repos.d/CentOS-fasttrack.repo, /etc/yum.repos.d/epel-testing.repo, /etc/yum.repos.d/epel.repo, /etc/yum.repos.d/interworx-hotfix.repo, /etc/yum.repos.d/remi-glpi91.repo, /etc/yum.repos.d/remi-glpi92.repo, /etc/yum.repos.d/remi-glpi93.repo, /etc/yum.repos.d/remi-php54.repo, /etc/yum.repos.d/remi-php70.repo, /etc/yum.repos.d/remi-php71.repo, /etc/yum.repos.d/remi-php72.repo, /etc/yum.repos.d/remi-php73.repo, /etc/yum.repos.d/remi-safe.repo, /etc/yum.repos.d/remi.repo	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'repository' => 'interworx-build-test',
      'file' => '/etc/yum.repos.d/CentOS-Base.repo',
    ),
)
```

Action: *queryHistory***Added in version** 4.8.0-393**Description** Lists history for a specific package.**Input Parameters**

Name	Type	Notes	Required?
package	string		Yes

Action: *queryOptions***Added in version** 5.1.0-838**Description** Displays the information available to the action "options".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'osupdates' => '1',
      'ivorxupdates' => '##LG_ENABLED##',
      'update_email' => '',
    ),
)
```

Action: *queryUpgradeStep***Added in version** 5.0.14-579**Description** Check the status of an upgrade step.**Input Parameters**

Name	Type	Notes	Required?
step	integer		Yes

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *win*****Added in version** n/a

Description Magic function - test for testing success mechanism.

Chapter 61

Controller: /nodeworx/users

Required Permissions "NODEWORXUSER"

Action: *activate*

Added in version 4.8.0-393

Description Activates a NodeWorx user.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Example Values second@interworx.com	Yes

Action: *add*

Added in version 4.7.0-339

Description Add a new nodeworx user.

Input Parameters

Name	Type	Notes	Required?
nickname	string		No*
email	string		No*
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
theme	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, nexcess, vanillaice Example Default Value calliope	No*

menu_style	string	Example Values big, small Example Default Value big	No*
encrypted	string	Description "y" if the password is ALREADY encrypted, "n" if the password is not yet encrypted. Default: n Example Values y, n Example Default Value n	No*
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes
perms	struct (string)	Example Values NODEWORXUSER, LANGUAGES, THEMES, SWACCOUNTS, SHELLUSERS, PACKAGES, LOGIN, BRESTORE, IMPORT, EMAIL, RESELLER, APACHE, FTP, MYSQL, DNS, SSH, APIKEY, CRON, IPS, FIREWALL, UPDATES, GRAPHS, NFS, CLUSTERING, SETTINGS, IWORXLOGS, PHPMYADMIN, PLUGINS, SSL, REMOTEASSIST Example Default Value ["LOGIN"]	No

* indicates that it's actually required, but probably already has a valid default value

Action: deactivate

Added in version 4.8.0-393

Description Deactivates (but does not delete) a NodeWorx user.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Example Values second@interworx.com	Yes

Action: delete

Added in version 4.7.0-339

Description Delete a nodeworx user.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

user	struct (string)	Example Values second@interworx.com	Yes
------	-----------------	---	-----

Action: *edit*

Added in version 4.7.0-339

Description Edit a user.**Input Parameters**

Name	Type	Notes	Required?
user	string	Example Values apidocs@interworx.com, second@interworx.com	Yes
nickname	string	Example Default Value Server Admin	No*
email	string	Example Default Value apidocs@interworx.com	No*
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
theme	string	Example Values blue_steel, calliope, coolfreshness, heliotrope, interstate, interworx, necess, vanillaice Example Default Value calliope	No*
menu_style	string	Example Values big, small Example Default Value big	No*
encrypted	string	Description "y" if the password is ALREADY encrypted, "n" if the password is not yet encrypted. Default: n Example Values y, n Example Default Value n	No*
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *isReseller*

Added in version 4.7.0-339

Description Check if the current user is a reseller or not.

Action: *list*

Added in version 4.7.0-339

Description List NodeWorx users.

Warning This action has been deprecated as of version 4.8.0-393. 2011-01-24 use listUsersAction

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'nodeworx_user@example.com',
      1 => 'Server Admin (nodeworx_user@example.com)',
    ),
    1 =>
    array (
      0 => 'second@interworx.com',
      1 => 'NW Secondary User (second@interworx.com)',
    ),
  ),
)

```

Action: *listDeletable*

Added in version 4.7.0-339

Description List deletable NodeWorx users.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'second@interworx.com',
      1 => 'NW Secondary User (second@interworx.com)',
    ),
  ),
)

```

Action: *listEditable*

Added in version 4.7.0-339

Description List editable NodeWorx users.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => 'nodeworx_user@example.com',
          1 => 'Server Admin (nodeworx_user@example.com)',
        ),
      1 =>
        array (
          0 => 'second@interworx.com',
          1 => 'NW Secondary User (second@interworx.com)',
        ),
    ),
)

```

Action: *listMasterUser*

Added in version 4.7.0-339

Description Get details of the master user.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'userid' => 1,
      'nickname' => 'Server Admin',
      'email' => 'nodeworx_user@example.com',
      'ismaster' => true,
      'status' => 'active',
      'language' => 'en-us',
      'theme' => 'calliope',
      'menu_style' => 'big',
      'perms' =>
        array (
          0 => 'NODEWORXUSER',
          1 => 'LANGUAGES',
          2 => 'THEMES',
          3 => 'SWACCOUNTS',
          4 => 'SHELLUSERS',
          5 => 'PACKAGES',
          6 => 'LOGIN',
          7 => 'BRESTORE',
          8 => 'IMPORT',
          9 => 'EMAIL',
          10 => 'RESELLER',
          11 => 'APACHE',
          12 => 'FTP',
          13 => 'MYSQL',
          14 => 'DNS',
          15 => 'SSH',
          16 => 'APIKEY',
          17 => 'CRON',
          18 => 'IPS',
          19 => 'FIREWALL',
          20 => 'UPDATES',
          21 => 'GRAPHS',
          22 => 'NFS',
          23 => 'CLUSTERING',
          24 => 'SETTINGS',
          25 => 'IWORKLOGS',
          26 => 'PHPMYADMIN',
          27 => 'PLUGINS',
          28 => 'SSL',
          29 => 'REMOTEA SSI ST',
        ),
    ),
)

```

Action: *listUsers*

Added in version 4.8.0-393

Description List NodeWorx users.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (

```

```

    'global_uid' => 'nw1',
    'email' => 'nodeworx_user@example.com',
    'nickname' => 'Server Admin',
    'language' => 'en-us',
    'user_status' => 'active',
    'type' => 'master',
  ),
  1 =>
  array (
    'global_uid' => 'nw213',
    'email' => 'second@interworx.com',
    'nickname' => 'NW Secondary User',
    'language' => 'en-us',
    'user_status' => 'active',
    'type' => 'slave',
  ),
),
)

```

Action: *listWorkingUser*

Added in version 4.7.0-339

Description Get details of the working user.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'userid' => 1,
    'nickname' => 'Server Admin',
    'email' => 'nodeworx_user@example.com',
    'ismaster' => true,
    'status' => 'active',
    'language' => 'en-us',
    'theme' => 'calliope',
    'menu_style' => 'big',
    'perms' =>
    array (
      0 => 'NODEWORXUSER',
      1 => 'LANGUAGES',
      2 => 'THEMES',
      3 => 'SWACCDUNTS',
      4 => 'SHELLUSERS',
      5 => 'PACKAGES',
      6 => 'LOGIN',
      7 => 'BRESTORE',
      8 => 'IMPORT',
      9 => 'EMAIL',
      10 => 'RESELLER',
      11 => 'APACHE',
      12 => 'FTP',
      13 => 'MYSQL',
      14 => 'DNS',
      15 => 'SSH',
      16 => 'APIKEY',
      17 => 'CRON',
      18 => 'IPS',
      19 => 'FIREWALL',
      20 => 'UPDATES',
      21 => 'GRAPHS',
      22 => 'NFS',
      23 => 'CLUSTERING',
      24 => 'SETTINGS',
      25 => 'IWORKLOGS',
      26 => 'PHPMADMIN',
      27 => 'PLUGINS',
      28 => 'SSL',
      29 => 'REMOTEASSIST',
    ),
  ),
)

```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
user	string	Example Values apidocs@interworx.com, second@interworx.com	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'user_id' => '1',
    'nickname' => 'Server Admin',
    'email' => 'nodeworx_user@example.com',
    'language' => 'en-us',
    'theme' => 'calliope',
    'menu_style' => 'big',
    'encrypted' => 'n',
    'password' => NULL,
    'confirm_password' => NULL,
    'user' => 'nodeworx_user@example.com',
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Part III

SiteWorx API Spec

Chapter 62

Controller: /siteworx/backup

Required Permissions "BACKUP"

Required Options Account Backup

Action: *create*

Added in version 4.7.0-339

Description Create a SiteWorx backup.

Input Parameters

Name	Type	Notes	Required?
type	string	Example Values full, partial, structure	Yes
location	string	Example Values siteworx, local, ftp, scp	Yes
email_address	string	Example Default Value user@example.com	No*
domain_options	string	Example Values single-domain, multi-domain Example Default Value multi-domain	No*
exclude_extensions	struct (string)	Help Entry Examples: .zip, .tar.gz, etc	No

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete a siteworx backup.

Input Parameters

Name	Type	Notes	Required?
backups	struct (string)	Example Values example.com+partial-Jul.11.2018-15.29.49.tgz, example.com+full-Jul.11.2018-15.29.08.tgz	Yes

Action: *deleteCron*

Added in version 4.7.0-339

Description Delete a scheduled backup.**Warning** This action has been deprecated as of version 4.8.0-393. 2010-11-30 use /siteworx/backup/schedule action=delete**Action: *fail***

Added in version n/a

Description Magic function - test for failure mechanism.**Action: *listAllBackups***

Added in version 4.8.0-393

Description List all backups created manually.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'filepath' => '/home/example/example.com/iworx-backup/example.com+full-Jul.11.2018-15.29.08.tgz',
          'filename' => 'example.com+full-Jul.11.2018-15.29.08.tgz',
          'filesize' => '71.90 KB',
          'filesize_bytes' => 73681,
          'type' => '##LG_FULLBACKUP##',
          'domain_options' => '',
          'filedate' => 1531337353,
          'complete' => true,
        ),
      1 =>
        array (
          'filepath' => '/home/example/example.com/iworx-backup/example.com+partial-Jul.11.2018-15.29.49.tgz',
          'filename' => 'example.com+partial-Jul.11.2018-15.29.49.tgz',
          'filesize' => '145.50 KB',
          'filesize_bytes' => 149004,
          'type' => '##LG_PARTIALBACKUP##',
          'domain_options' => '',
          'filedate' => 1531337400,
          'complete' => true,
        ),
    ),
)
```

Action: *listDailyBackups*

Added in version 4.8.0-393

Description List all current daily backups.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *listMonthlyBackups***Added in version** 4.8.0-393**Description** List all current monthly backups.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *listWeeklyBackups***Added in version** 4.8.0-393**Description** List all current weekly backups.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *restore***Added in version** 4.7.0-339**Description** Restore a partial siteworx backup.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

filetype	string	Example Values local, remote	Yes
file	string		Yes

Action: *schedule***Added in version** 4.7.0-339**Description** Schedule a SiteWorx backup.**Warning** This action has been deprecated as of version 4.8.0-393. 2010-11-30 use /siteworx/backup/schedule action=create**Input Parameters**

Name	Type	Notes	Required?
type	string	Example Values full, partial, structure	Yes
location	string	Example Values siteworx, local, ftp, scp	Yes
frequency	string	Example Values daily, weekly, monthly Example Default Value daily	Yes
email_address	string	Example Default Value user@example.com	No*
domain_options	string	Example Values single-domain, multi-domain Example Default Value multi-domain	No*
hour	string	Example Values *, */2, */4, */6, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 63

Controller: /siteworx/backup/schedule

Required Permissions "BACKUP"

Required Options Account Backup

Action: *create*

Added in version 4.8.0-393

Description Add a scheduled backup.

Input Parameters

Name	Type	Notes	Required?
frequency	string	Example Values weekly, monthly	Yes
type	string	Example Values full, partial, structure	Yes
location	string	Example Values siteworx, local, ftp, scp	Yes
email_address	string	Example Default Value user@example.com	No*
rotate	integer	Help Entry Indicates the maximum number of backups to keep before removing old backups. Example Default Value 4	No*
hour	integer	Example Values 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 Example Default Value 0	No*
day_of_week	integer	Example Values 0, 1, 2, 3, 4, 5, 6	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *delete***Added in version** 4.8.0-393**Description** Deletes the scheduled backup.**Input Parameters**

Name	Type	Notes	Required?
scheduled	struct (integer)	Example Values 137	Yes

Action: *edit***Added in version** 5.0.14-579**Description** Edit a scheduled backup.**Input Parameters**

Name	Type	Notes	Required?
id	integer		Yes
frequency	string	Example Values daily, weekly, monthly	Yes
type	string	Example Values full, partial, structure	Yes
location	string	Example Values siteworx, local, ftp, scp	Yes
email_address	string	Example Default Value user@example.com	No*
rotate	integer	Help Entry Indicates the maximum number of backups to keep before removing old backups. Example Default Value 2	No*
hour	integer	Example Values 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listScheduled*

Added in version 4.8.0-393

Description Lists all the scheduled backups for the current SiteWorx user.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'id' => '137',
      'siteworx_id' => '282',
      'email_address' => 'user@example.com',
      'rotate' => '2',
      'frequency' => 'daily',
      'hour' => '1',
      'day_of_month' => '*',
      'day_of_week' => '*',
      'type' => 'structure',
      'backup_dbs' => '0',
      'backup_web' => '0',
      'backup_mail' => '0',
      'location' => 'siteworx',
      'location_data' => '[]',
    ),
  ),
)
```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
id	integer		Yes
frequency	string	Example Values daily, weekly, monthly	Yes
type	string	Example Values full, partial, structure	Yes
location	string	Example Values siteworx, local, ftp, scp	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'siteworx_id' => '282',
    'email_address' => 'user@example.com',
    'type_copy' => 'full',
    'location_copy' => 'siteworx',
    'rotate' => '2',
    'frequency_copy' => 'daily',
    'hour' => '1',
    'day_of_week' => '*',
    'day_of_month' => '*',
  ),
)
```

```
'id' => '137',  
'frequency' => 'daily',  
'type' => 'full',  
'location' => 'siteworx',  
,  
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *win*****Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 64

Controller: /siteworx/cron

Required Permissions "CRONTAB"

Required Options Crontab Access

Action: *add*

Added in version 4.7.0-339

Description Add a new cronjob to the user's crontab.

Input Parameters

Name	Type	Notes	Required?
minute	struct (string)	Example Values *, */2, */5, */10, */15, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, ... Example Default Value ["*"]	No*
hour	struct (string)	Example Values *, */2, */4, */6, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 Example Default Value ["*"]	No*
day	struct (string)	Example Values *, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 Example Default Value ["*"]	No*
month	struct (string)	Example Values *, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Example Default Value ["*"]	No*

dayofweek	struct (string)	Example Values *, 0, 1, 2, 3, 4, 5, 6 Example Default Value ["*"]	No*
script	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete cronjobs from the SiteWorx user's crontab.

Input Parameters

Name	Type	Notes	Required?
jobs	struct (integer)	Example Values 2	Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit an existing cronjob in the user's crontab.

Input Parameters

Name	Type	Notes	Required?
job	integer	Example Values 2	Yes
enabled	integer	Example Values 1, 0 Example Default Value 1	No*
minute	string	Example Default Value 59	No*
hour	string	Example Default Value 23	No*
day	string	Example Default Value 31	No*
month	string	Example Default Value 12	No*
dayofweek	string	Example Default Value 6	No*

script	string	Example Default Value echo test	No*
--------	--------	---	-----

* indicates that it's actually required, but probably already has a valid default value

Action: fail

Added in version n/a

Description Magic function - test for failure mechanism.

Action: getCurrentSystemTime

Added in version 6.1.19-1483

Description Get current system time in RFC822 format.

Action: list

Added in version 4.7.0-339

Description List cron jobs.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    2 =>
    array (
      'type' => 'normal',
      'enabled' => 1,
      'linenum' => 2,
      'minute' => '59',
      'hour' => '23',
      'day' => '31',
      'month' => '12',
      'dayofweek' => '6',
      'script' => 'echo test',
    ),
  ),
)
```

Action: options

Added in version 4.7.0-339

Description Edit cron options.

Input Parameters

Name	Type	Notes	Required?
shell	string	Help Entry Use the dropdown to choose the shell to run the cron job on. Example Values /bin/sh, /bin/bash, /sbin/nologin, /bin/dash, /usr/sbin/jk_chrootsh	No*
path	struct (string)	Help Entry The path contains the directories which will be in the search path for cron. Example Default Value ["\opt\remi\php71\root\usr\bin", "\opt\remi\php71\root\usr\sbin", "\usr\local\bin", "\usr\local\bin", "\usr\local\bin"]	No

mailto	string	Help Entry Enter an email address to be notified of the output of each cron job.	No
--------	--------	--	----

* indicates that it's actually required, but probably already has a valid default value

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
job	integer	Example Values 2	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'systemtime' => 'Wed, 11 Jul 18 15:43:42 -0400',
    'enabled' => '1',
    'minute' => '59',
    'hour' => '23',
    'day' => '31',
    'month' => '12',
    'dayofweek' => '6',
    'script' => 'echo test',
    'job' => '2',
  ),
)
```

Action: *queryJobs*

Added in version 4.8.0-393

Description List user jobs.

Action: *queryOptions*

Added in version 4.8.0-393

Description Displays the information available to the action "options".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'user' => 'example',
      'shell' => '',
      'path' => '/opt/remi/php71/root/usr/bin:/opt/remi/php71/root/usr/sbin:/usr/local/bin:/usr/bin:/bin',
      'mailto' => '',
    ),
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 65

Controller: /siteworx/dns

Required Permissions "DNS"

Required Options Edit DNS Records

Action: *add*

Added in version 4.7.0-339

Description Add a DNS Record (A, CNAME, or TXT).

Warning This action has been deprecated as of version 4.8.0-393. 2011-04-05 Use individual add[type] functions instead.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, pointer.com, secondary.com	Yes

Action: *addA*

Added in version 4.7.0-339

Description Add an A record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*

ipaddress	string	Help Entry ####	Yes
-----------	--------	---------------------------	-----

* indicates that it's actually required, but probably already has a valid default value

Action: *addAAAA*

Added in version 4.8.0-393

Description Add an AAAA record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
ipaddress	string	Help Entry ####	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addCAA*

Added in version 6.0.8-1363

Description Add a CAA record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*

flags	integer	<p>Help Entry Issuer Critical Flag: If the "flags" value is set to '1', the critical flag is asserted and the property MUST be understood if the CAA record is to be correctly processed by a certificate issuer. A Certification Authority MUST NOT issue certificates for any Domain that contains a CAA critical property for an unknown or unsupported property tag that for which the issuer critical flag is set. See: RFC6844</p> <p>Example Values 0, 128</p> <p>Example Default Value 0</p>	No*
tag	string	<p>Help Entry Property tags define the meaning of the CAA record. Three are currently supported, but more may be added in the future. issue: This tag is used to allow/disallow the Certificate Authority to issue certificates for the domain, including wildcard certificates. issuewild: This tag is used to allow/disallow wildcard certificates issuance for the domain. iodef: This tag specifies a method for CAs to report to the domain holder when a certificate is issued. Not all CAs support this tag, so there is no guarantee that all certificate issuances will be reported.</p> <p>Example Values issue, issuewild, iodef</p> <p>Example Default Value issue</p>	No*
issue	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p>	No
issuewild	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p>	No
iodef	string	<p>Help Entry Enter an email address or url to receive IODEF incident reports. See [RFC6546] for more information regarding url reporting.</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *addCNAME*

Added in version 4.8.0-393

Description Add a CNAME record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
alias	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addMX*

Added in version 4.8.0-393

Description Add an MX record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records should be attempted. Lower numbers will be processed before higher ones.	Yes
mail_server	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addSPF*

Added in version 4.8.0-393

Description Add an SPF record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
spf_record_value	string		No
spf_version	string	Example Values v=spf1, v=spf3 Example Default Value v=spf1	No*
use_a	integer	Description Should the IP(s) referenced in DNS A Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*
use_mx	integer	Description Should the hostnames referenced in DNS MX Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*
use_ptr	integer	Description Should the PTR Records for the sender's IP be used to validate the sender's domain? NOT RECOMMENDED. Example Values 1, 0 Example Default Value 0	No*

other_servers	integer	<p>Description Do any other hostnames or IPs need to be authorized to send mail for this domain?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
mechanism_a	struct (string)	<p>Description If the domain name has an address record (A or AAAA) that can be resolved to the sender's address, it will match.</p>	No
mechanism_mx	struct (string)	<p>Description If the domain name has an MX record resolving to the sender's address, it will match (i.e. the mail comes from one of the domain's mail servers).</p>	No
mechanism_ip4	struct (string)	<p>Description If the sender is in a given IPv4 range, match.</p>	No
mechanism_ip6	struct (string)	<p>Description If the sender is in a given IPv6 range, match.</p>	No
mechanism_ptr	struct (string)	<p>Description If the domain name for the client's address is in the given domain and that domain name resolves to the client's address, match. Input may use macro-expansion. NOT RECOMMENDED.</p>	No
mechanism_exists	struct (string)	<p>Description If there is a valid A Record for the given domain, match. Input may use macro-expansion.</p>	No
mechanism_include	struct (string)	<p>Description Used to include the policies of another domain's SPF record. Similar to the 'Redirect' parameter.</p>	No
all	string	<p>Description Defines how to respond if the record has produced no match.</p> <p>Example Values , -all, ~all, ?all, +all</p>	No
redirect	string	<p>Description Redirects verification to use the SPF record of the specified domain. This is useful, for example, if you send mail through your ISP's servers and they have defined an SPF record.</p>	No
explanation	string	<p>Description Defines a DNS name whose TXT Record may be returned along with failure messages. Rarely used, may not be universally supported.</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *addSRV*

Added in version 5.0.15-700

Description Add an SRV record.**Input Parameters**

Name	Type	Notes	Required?
zone_id	integer		Yes
service	string	Help Entry The symbolic name of the desired service. For example, _sip, _ldap, etc.	Yes
protocol	string	Help Entry The name of the protocol with an underscore prepended to avoid collisions with other DNS records. "_TCP" and "_UDP" are the two most common values.	Yes
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
priority	integer		Yes
weight	integer		Yes
port	integer		Yes
target	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *addTXT*

Added in version 4.8.0-393

Description Add a TXT record.**Input Parameters**

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*

ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
text	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete a DNS Record.

Input Parameters

Name	Type	Notes	Required?
record_id	struct (integer)		Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editA*

Added in version 4.8.0-393

Description Edit an A record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value ipv4.example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
ipaddress	string	Help Entry ##### Example Default Value {ipv4}	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editAAAA*

Added in version 4.8.0-393

Description Edit an AAAA record.**Input Parameters**

Name	Type	Notes	Required?
record_id	integer		Yes
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editCAA*

Added in version 6.0.8-1363

Description Edit a CAA record.**Input Parameters**

Name	Type	Notes	Required?
record_id	integer		Yes
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
flags	integer	Help Entry Issuer Critical Flag: If the "flags" value is set to '1', the critical flag is asserted and the property MUST be understood if the CAA record is to be correctly processed by a certificate issuer. A Certification Authority MUST NOT issue certificates for any Domain that contains a CAA critical property for an unknown or unsupported property tag that for which the issuer critical flag is set. See: RFC6844 Example Values 0, 128 Example Default Value 0	No*

tag	string	<p>Help Entry Property tags define the meaning of the CAA record. Three are currently supported, but more may be added in the future.</p> <p>issue: This tag is used to allow/disallow the Certificate Authority to issue certificates for the domain, including wildcard certificates.</p> <p>issuewild: This tag is used to allow/disallow wildcard certificates issuance for the domain.</p> <p>iodef: This tag specifies a method for CAs to report to the domain holder when a certificate is issued. Not all CAs support this tag, so there is no guarantee that all certificate issuances will be reported.</p> <p>Example Values issue, issuewild, iodef</p> <p>Example Default Value issue</p>	No*
issue	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p> <p>Example Default Value ca.example.net</p>	No
issuewild	string	<p>Help Entry Enter the domain of the Certificate authority (ex. letsencrypt.org). To prevent Certificate Authorities from issuing certificates for this tag enter a semicolon (;).</p> <p>Example Values comodoca.com, digicert.com, entrust.net, globalsign.com, izenpe.com, letsencrypt.org, symantec.com, trustwave.com, wosign.com, ;</p>	No
iodef	string	<p>Help Entry Enter an email address or url to receive IODEF incident reports. See https://tools.ietf.org/html/rfc6546 for more information regarding url reporting.</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *editCNAME*

Added in version 4.8.0-393

Description Edit a CNAME record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	<p>Example Default Value sub.example.com</p>	No*

ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
alias	string	Example Default Value example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editMX*

Added in version 4.8.0-393

Description Edit an MX record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records should be attempted. Lower numbers will be processed before higher ones. Example Default Value 10	No*
mail_server	string	Example Default Value mail.example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editSPF*

Added in version 4.8.0-393

Description Edit an SPF record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
spf_record_value	string	Example Default Value v=spf1	No
spf_version	string	Example Values v=spf1, v=spf3 Example Default Value v=spf1	No*
use_a	integer	Description Should the IP(s) referenced in DNS A Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*
use_mx	integer	Description Should the hostnames referenced in DNS MX Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*
use_ptr	integer	Description Should the PTR Records for the sender's IP be used to validate the sender's domain? NOT RECOMMENDED. Example Values 1, 0 Example Default Value 0	No*

other_servers	integer	<p>Description Do any other hostnames or IPs need to be authorized to send mail for this domain?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
mechanism_a	struct (string)	<p>Description If the domain name has an address record (A or AAAA) that can be resolved to the sender's address, it will match.</p>	No
mechanism_mx	struct (string)	<p>Description If the domain name has an MX record resolving to the sender's address, it will match (i.e. the mail comes from one of the domain's mail servers).</p>	No
mechanism_ip4	struct (string)	<p>Description If the sender is in a given IPv4 range, match.</p>	No
mechanism_ip6	struct (string)	<p>Description If the sender is in a given IPv6 range, match.</p>	No
mechanism_ptr	struct (string)	<p>Description If the domain name for the client's address is in the given domain and that domain name resolves to the client's address, match. Input may use macro-expansion. NOT RECOMMENDED.</p>	No
mechanism_exists	struct (string)	<p>Description If there is a valid A Record for the given domain, match. Input may use macro-expansion.</p>	No
mechanism_include	struct (string)	<p>Description Used to include the policies of another domain's SPF record. Similar to the 'Redirect' parameter.</p>	No
all	string	<p>Description Defines how to respond if the record has produced no match.</p> <p>Example Values , -all, ~all, ?all, +all</p>	No
redirect	string	<p>Description Redirects verification to use the SPF record of the specified domain. This is useful, for example, if you send mail through your ISP's servers and they have defined an SPF record.</p>	No
explanation	string	<p>Description Defines a DNS name whose TXT Record may be returned along with failure messages. Rarely used, may not be universally supported.</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *editSRV*

Added in version 5.0.15-700

Description Edit an SRV record.**Input Parameters**

Name	Type	Notes	Required?
record_id	integer		Yes
service	string	Help Entry The symbolic name of the desired service. For example, _sip, _ldap, etc. Example Default Value _sip	No*
protocol	string	Help Entry The name of the protocol with an underscore prepended to avoid collisions with other DNS records. "_TCP" and "_UDP" are the two most common values. Example Default Value _tcp	No*
domain	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
priority	integer	Example Default Value 10	No*
weight	integer	Example Default Value 100	No*
port	integer	Example Default Value 5060	No*
target	string	Example Default Value www.google.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editTXT*

Added in version 4.8.0-393

Description Edit a TXT record.**Input Parameters**

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
text	string	Example Default Value example text record	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listZones*

Added in version 4.9.3-435

Description List Dns Zones.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'zone_id' => '666',
          'domain' => 'example.com',
          'nodeworx_id' => '1',
          'is_suspended' => '0',
          'domain_type' => 'master',
          'master_domain' => 'example.com',
        ),
      1 =>
        array (
          'zone_id' => '668',
          'domain' => 'secondary.com',
          'nodeworx_id' => '1',
          'is_suspended' => '0',
          'domain_type' => 'slave',
          'master_domain' => 'example.com',
        ),
      2 =>
        array (
          'zone_id' => '667',
          'domain' => 'pointer.com',
          'nodeworx_id' => '1',
          'is_suspended' => '0',
          'domain_type' => 'redirect',
          'master_domain' => 'example.com',
        ),
    ),
)
```

Action: *queryDnsRecords*

Added in version 4.8.0-393

Description List DNS Records that are part of the zone.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		No*
uni	integer	Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *queryEditA*

Added in version 5.1.0-838

Description Displays the information available to the action "editA".

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'host' => 'ipv4.example.com',
    'ttl' => '43200',
    'ipaddress' => '10.1.15.100',
    'record_id' => '8653',
  ),
)
```

Action: *queryEditAAAA*

Added in version 5.1.0-838

Description Displays the information available to the action "editAAAA".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'host' => 'example.com',
    'ttl' => '43200',
    'ipaddress' => 'bead::1',
    'record_id' => '8664',
  ),
)
```

Action: *queryEditCAA*

Added in version 6.0.8-1363

Description Displays the information available to the action "editCAA".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'domain' => 'example.com',
      'ttl' => '43200',
      'flags' => '0',
      'tag' => 'issue',
      'issue' => 'ca.example.net',
      'issuewild' => '',
      'iodef' => '',
      'record_id' => '8666',
    ),
)
```

Action: *queryEditCNAME*

Added in version 5.1.0-838

Description Displays the information available to the action "editCNAME".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => 'sub.example.com',
      'ttl' => '43200',
      'alias' => 'example.com',
      'record_id' => '8671',
    ),
)
```

Action: *queryEditMX*

Added in version 5.1.0-838

Description Displays the information available to the action "editMX".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => 'example.com',
      'ttl' => '43200',
      'preference' => '10',
      'mail_server' => 'mail.example.com',
      'record_id' => '8660',
    ),
)
```

Action: *queryEditSPF*

Added in version 5.1.0-838

Description Displays the information available to the action "editSPF".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'host' => 'example.com',
      'ttl' => '43200',
      'spf_record_value' => 'v=spf1',
      'spf_version' => 'v=spf1',
      'use_a' => '0',
      'use_mx' => '0',
      'use_ptr' => '0',
      'other_servers' => '0',
    ),
)
```

```

    'mechanism_a' =>
    array (
    ),
    'mechanism_mx' =>
    array (
    ),
    'mechanism_ip4' =>
    array (
    ),
    'mechanism_ip6' =>
    array (
    ),
    'mechanism_ptr' =>
    array (
    ),
    'mechanism_exists' =>
    array (
    ),
    'mechanism_include' =>
    array (
    ),
    'all' => NULL,
    'redirect' => '',
    'explanation' => NULL,
    'record_id' => '8668',
  ),
)

```

Action: *queryEditSRV*

Added in version 5.1.0-838

Description Displays the information available to the action "editSRV".

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'service' => '_sip',
    'protocol' => '_tcp',
    'domain' => 'example.com',
    'ttl' => '43200',
    'priority' => '10',
    'weight' => '100',
    'port' => '5060',
    'target' => 'www.google.com',
    'record_id' => '8669',
  ),
)

```

Action: *queryEditTXT*

Added in version 5.1.0-838

Description Displays the information available to the action "editTXT".

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'host' => 'example.com',
    'ttl' => '43200',
    'text' => 'example text record',
    'record_id' => '8670',
  ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 66

Controller: /siteworx/domains/php

Required Permissions "PHP"

Action: *edit*

Added in version 6.0.16-1389

Description Edit PHP options.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
php_version	string	Help Entry #### Example Values /opt/remi/php71 Example Default Value /opt/remi/php71	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listFpmOptions*

Added in version 6.0.27-1423

Description Show FPM options for this SiteWorx account.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'fpm_max_children' => '4',
    'fpm_max_requests' => '8192',
```

```

'fpm_process_management' => 'ondemand',
'fpm_start_servers' => '2',
'fpm_min_spare_servers' => '1',
'fpm_max_spare_servers' => '4',
'fpm_process_idle_timeout' => '120s',
),
)

```

Action: *listPhpVersions*

Added in version 6.0.16-1389

Description List php versions for master and secondary domains.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'domain' => 'example.com',
      'type' => 'master',
      'php_version' => '7.1.19',
      'ipv4' => '10.1.15.100',
      'ipv6' => false,
      'ipv4_type' => '##LG_SHARED##',
      'ipv4_ssl' =>
      array (
        0 => 'example.com',
      ),
      'ipv6_type' => '',
      'ipv6_ssl' => '',
    ),
    1 =>
    array (
      'domain' => 'secondary.com',
      'type' => 'slave',
      'php_version' => '7.1.19',
      'ipv4' => '10.1.15.100',
      'ipv6' => false,
      'ipv4_type' => '##LG_SHARED##',
      'ipv4_ssl' =>
      array (
        0 => 'example.com',
      ),
      'ipv6_type' => '',
      'ipv6_ssl' => '',
    ),
  ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLDb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 67

Controller: /siteworx/domains/pointer

Required Permissions "POINTERDOMS"

Required Options Pointer Domains

Action: *add*

Added in version 4.7.0-339

Description Add a pointer domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Description http://www.	Yes
redir_type	string	Example Values redirect_301, redirect_302, server_alias Example Default Value redirect_301	No*
points_to	string	Example Values example.com, secondary.com Example Default Value example.com	No*
create_mail_alias	integer	Help Entry If selected, all mail accounts will work for both the pointer domain and target domain. Example Values 1 Example Default Value 1	No

* indicates that it's actually required, but probably already has a valid default value

Action: *addMailPointerDomain*

Added in version 4.7.0-339

Description Add a pointer domain for mail.

Input Parameters

Name	Type	Notes	Required?
pointer_domain	string		Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *delete*

Added in version 4.7.0-339

Description Delete a pointer domain.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values pointer.com	Yes

Action: *deleteMailPointer*

Added in version 4.7.0-339

Description Delete a pointer domain for mail.

Input Parameters

Name	Type	Notes	Required?
pointer_domain	string	Example Values pointer.com	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List pointer domains.

Warning This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listPointerDomains.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'pointer.com',
    ),
)
```

Action: *listPointerDomains*

Added in version 4.8.0-393

Description List pointer domains.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'domain' => 'pointer.com',
          'points_to' => 'http://example.com',
          'type' => 'redirect (301)',
          'mail_alias' => '##LG_YES##',
        ),
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 68

Controller: /siteworx/domains/slave

Required Permissions "SLAVEDOMS"

Required Options Secondary Domains

Action: *add*

Added in version 4.7.0-339

Description Add a secondary domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Description http://www.	Yes
php_version	string	Help Entry #### Example Values /opt/remi/php71 Example Default Value /opt/remi/php71	No*
ipv4	string	Example Values 10.1.15.100, 10.1.15.101 Example Default Value 10.1.15.100	No*
ipv6	integer	Example Default Value 0	No*
ipv6_from_pool	string		No

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete a secondary domain.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com, secondary.com	Yes

Action: *deleteConfig*

Added in version 6.1.7-1463

Description Delete Domain Level Config Data.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
config_name	struct (string)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *edit*

Added in version 5.0.14-579

Description Edit a secondary domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
php_version	string	Help Entry #### Example Values /opt/remi/php71 Example Default Value /opt/remi/php71	No*
ipv4	string	Example Values 10.1.15.100, 10.1.15.101 Example Default Value 10.1.15.100	No*
ipv6	integer	Example Default Value 0	No*
ipv6_from_pool	string		No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *list*****Added in version** 4.7.0-339**Description** List secondary domains.**Warning** This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listSecondaryDomains**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 => 'example.com',
      1 => 'secondary.com',
    ),
)
```

Action: *listConfig***Added in version** 6.1.22-1486**Description** List all SiteWorx Level Config Data.**Input Parameters**

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes

Action: *listIds***Added in version** 4.7.0-339**Description** List secondary domains by id.**Warning** This action has been deprecated as of version 4.8.0-393. 2010-11-18 no longer servers any real purpose, will be removed.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '829',
          1 => 'secondary.com',
        ),
    ),
)
```

Action: *listSecondaryDomains***Added in version** 4.8.0-393

Description List master domain and secondary domains.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'domain' => 'example.com',
      'type' => 'master',
      'php_version' => '7.1.19',
      'ipv4' => '10.1.15.100',
      'ipv6' => false,
      'ipv4_type' => '##LG_SHARED##',
      'ipv4_ssl' =>
      array (
        0 => 'example.com',
      ),
      'ipv6_type' => '',
      'ipv6_ssl' => '',
    ),
    1 =>
    array (
      'domain' => 'secondary.com',
      'type' => 'slave',
      'php_version' => '7.1.19',
      'ipv4' => '10.1.15.100',
      'ipv6' => false,
      'ipv4_type' => '##LG_SHARED##',
      'ipv4_ssl' =>
      array (
        0 => 'example.com',
      ),
      'ipv6_type' => '',
      'ipv6_ssl' => '',
    ),
  ),
)
```

Action: *queryConfig*

Added in version 6.1.7-1463

Description Query Domain Level Config Data.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
config_name	string		Yes

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes

Sample output

```

array (
  'status' => 11,
  'payload' => 'There was a problem validating the form. Please see details below.
  ipv4: "10.1.15.100" This is not a valid option
Usage:
domain
php_version /opt/remi/php71
ipv4
ipv6 0
ipv6_from_pool',
)

```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *setConfig*****Added in version** 6.1.7-1463**Description** Set Domain Level Config Data.**Input Parameters**

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
config_name	struct (string)		No*
config_value	struct (string)		No

* indicates that it's actually required, but probably already has a valid default value

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 69

Controller: /siteworx/domains/sub

Required Permissions "SUBDOMAINS"

Required Options Subdomains

Action: *add*

Added in version 4.7.0-339

Description Add a subdomain.

Input Parameters

Name	Type	Notes	Required?
prefix	string		Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a subdomain.

Input Parameters

Name	Type	Notes	Required?
prefix	struct (string)	Example Values sub	Yes
delete_dir	integer	Example Values 1	No

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List subdomains.

Warning This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listSubdomains instead.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => 'sub',
          1 => 'sub.example.com',
        ),
      ),
    ),
)
```

Action: *listSubdomains*

Added in version 4.8.0-393

Description List subdomains.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'domain' => 'sub.example.com',
          'prefix' => 'sub',
        ),
      ),
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 70

Controller: /siteworx/email

Required Permissions "EMAIL"

Required Options E-mail Aliases, E-mail Autoresponders, E-mail Boxes, E-mail Groups

Action: *editBounce*

Added in version 4.7.0-339

Description Edit bounce action.

Input Parameters

Name	Type	Notes	Required?
enablebounce	integer	Help Entry This is where you can define what happens when an e-mail is sent to an address at your domain that does not exist. The choices are: 1. Send a "bounce" message back to the sender informing them that the e-mail address they sent to does not exist 2. Silently delete the message without informing the sender that the e-mail address does not exist 3. Forward these messages to another e-mail address, called a "catch-all" address. Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *queryEditBounce*

Added in version 5.1.0-838

Description Displays the information available to the action "editBounce".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'enablebounce' => '1',
    ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, SimpleScripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 71

Controller: /siteworx/email/alias

Required Permissions "EMAIL"

Required Options E-mail Aliases

Action: *add*

Added in version 4.7.0-339

Description Add an e-mail alias.

Input Parameters

Name	Type	Notes	Required?
username	string		Yes
forwardsto	string	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com, myautoresponder@example.com	Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete an e-mail alias.

Input Parameters

Name	Type	Notes	Required?
username	struct (string)	Example Values poehler	Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit an e-mail alias.

Input Parameters

Name	Type	Notes	Required?
username	string	Example Values poehler	Yes
forwardsto	string	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com, myautoresponder@example.com Example Default Value poehler@interworx.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List e-mail aliases.

Warning This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listEmailAliases

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'poehler',
      1 => 'poehler@example.com',
    ),
  ),
)
```

Action: *listEmailAliases*

Added in version 4.8.0-393

Description List e-mail aliases.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'username' => 'poehler',
      'email' => 'poehler@example.com',
      'dest' => 'poehler@interworx.com',
    ),
  ),
)
```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
username	string	Example Values poehler	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'domain' => 'example.com',
    'disabled_username' => 'poehler',
    'forwardsto' => 'poehler@interworx.com',
    'username' => 'poehler',
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 72

Controller: /siteworx/email/autorespond

Required Permissions "EMAIL"

Required Options E-mail Autoresponders

Action: *add*

Added in version 4.7.0-339

Description Add an e-mail autoresponder.

Input Parameters

Name	Type	Notes	Required?
username	string		Yes
copyto	struct (string)	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com, myautoresponder@example.com	No
autorespondmessage	string		Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete an e-mail autoresponder.

Input Parameters

Name	Type	Notes	Required?
username	struct (string)	Example Values myautoresponder	Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit an e-mail autoresponder.

Input Parameters

Name	Type	Notes	Required?
username	string	Example Values myautoresponder	Yes
copyto	struct (string)	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com	No
autorespondmessage	string	Example Default Value my message	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List e-mail autoresponders.

Warning This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listEmailAutoresponders

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => 'myautoresponder',
          1 => 'myautoresponder@example.com',
        ),
    ),
)
```

Action: *listEmailAutoresponders*

Added in version 4.8.0-393

Description List e-mail autoresponders.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'username' => 'myautoresponder',
          'email' => 'myautoresponder@example.com',
          'copyto' => '',
          'message' => 'my message',
        ),
    ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLDb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 73

Controller: /siteworx/email/box

Required Permissions "EMAIL"

Required Options E-mail Boxes

Action: *add*

Added in version 4.7.0-339

Description Add an e-mail box.

Input Parameters

Name	Type	Notes	Required?
username	string		Yes
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes
diskspacequota	integer	Description Megabytes Example Default Value 999999999	No*
copyto	struct (string)	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com, myautoresponder@example.com	No
groups	struct (string)	Example Values mygroup	No

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete an e-mail box.

Input Parameters

Name	Type	Notes	Required?
username	struct (string)	Example Values postmaster	Yes

Action: *edit***Added in version** 4.7.0-339**Description** Edit an e-mail box.**Input Parameters**

Name	Type	Notes	Required?
username	string	Example Values postmaster	Yes
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No
diskspacequota	integer	Description Megabytes Example Default Value 999999999	No*
copyto	struct (string)	Example Values poehler@example.com, mygroup@example.com, myautoresponder@example.com	No
groups	struct (string)	Example Values mygroup	No
onvacation	integer	Example Values 1, 0 Example Default Value 0	No*
vacation_message	string		No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *list*****Added in version** 4.7.0-339**Description** List e-mail boxes (pop/imap).

Warning This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listEmailBoxes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => 'postmaster',
          1 => 'postmaster@example.com',
        ),
      ),
    ),
)
```

Action: *listEmailBoxes*

Added in version 4.8.0-393

Description List e-mail boxes (pop/imap).

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'username' => 'postmaster',
          'email' => 'postmaster@example.com',
          'quota' => '##LG_NOQUOTA##',
          'quota_bytes' => 0,
          'copyto' =>
            array (
            ),
          'on_vacation' => false,
          'box_size' => '53248',
          'box_pct' => 0,
        ),
      ),
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 74

Controller: /siteworx/email/domainkeys

Required Permissions "EMAIL","DNS"

Action: *add*

Added in version 4.7.0-339

Description Add DomainKeys configuration.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, pointer.com, secondary.com	Yes
testing_mode	integer	Help Entry Specifies that DomainKeys are being tested for this domain, and unverified e-mail will not be treated any differently from verified e-mail. Example Values 1, 0 Example Default Value 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete DomainKeys configuration.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com, pointer.com, secondary.com	Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit DomainKeys configuration.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, pointer.com, secondary.com	Yes
testing_mode	integer	Help Entry Specifies that DomainKeys are being tested for this domain, and unverified e-mail will not be treated any differently from verified e-mail. Example Values 1, 0 Example Default Value 0	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listDomainKeys*

Added in version 4.8.0-393

Description Lists the domain keys.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'zone_id' => '666',
          'record_id' => NULL,
          'domain' => 'example.com',
          'type' => NULL,
          'target' => NULL,
        ),
      1 =>
        array (
          'zone_id' => '667',
          'record_id' => NULL,
          'domain' => 'pointer.com',
          'type' => NULL,
          'target' => NULL,
        ),
      2 =>
        array (
          'zone_id' => '668',
          'record_id' => NULL,
          'domain' => 'secondary.com',
          'type' => NULL,
          'target' => NULL,
        ),
    ),
)
```

Action: *queryDomainKeys*

Added in version 4.8.0-393

Description List the domain key DNS records for a given domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, pointer.com, secondary.com	Yes

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, pointer.com, secondary.com	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'domain_copy' => 'example.com',
      'testing_mode' => '0',
      'domain' => 'example.com',
    ),
)
```

Action: *queryView*

Added in version 5.1.0-838

Description Displays the information available to the action "view".

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'domain_copy' => 'example.com',
      'domain' => 'example.com',
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *view*

Added in version 4.7.0-339

Description View a set of domainkeys for a given domain.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, pointer.com, secondary.com	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 75

Controller: /siteworx/email/filters

Required Permissions "EMAIL"

Action: *add*

Added in version 4.7.0-339

Description Add an e-mail filter.

Input Parameters

Name	Type	Notes	Required?
filter_type	string	Example Values sender, subject	Yes
filter	string		Yes

Action: *addFrom*

Added in version 4.7.0-339

Description Add a "from" e-mail filter.

Input Parameters

Name	Type	Notes	Required?
from-filter	string		Yes

Action: *addSubject*

Added in version 4.7.0-339

Description Add a "subject" e-mail filter.

Input Parameters

Name	Type	Notes	Required?
subj-filter	string		Yes

Action: *delete***Added in version** 4.7.0-339**Description** Delete e-mail filters.**Action: *fail*****Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *filterBehavior*****Added in version** 4.7.0-339**Description** Set the filtered e-mail behavior.**Input Parameters**

Name	Type	Notes	Required?
filter_action	string	Example Values drop, spam Example Default Value drop	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listFilters***Added in version** 4.8.0-393**Description** Lists information about SW mail filters.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *queryFilterBehavior***Added in version** 5.1.0-838**Description** Displays the information available to the action "filterBehavior".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'filter_action' => 'drop',
    ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLDb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 76

Controller: /siteworx/email/group

Required Permissions "EMAIL"

Required Options E-mail Groups

Action: *add*

Added in version 4.7.0-339

Description Add an e-mail group.

Input Parameters

Name	Type	Notes	Required?
username	string		Yes
forwardsto	struct (string)	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com, myautoresponder@example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete an e-mail group.

Input Parameters

Name	Type	Notes	Required?
username	struct (string)	Example Values mygroup	Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit an e-mail group.

Input Parameters

Name	Type	Notes	Required?
username	string	Example Values mygroup	Yes
forwardsto	struct (string)	Example Values postmaster@example.com, poehler@example.com, mygroup@example.com, myautoresponder@example.com Example Default Value ["poehler@interworx.com"]	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List e-mail groups.

Warning This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listEmailGroups

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => 'mygroup',
          1 => 'mygroup@example.com',
        ),
    ),
)
```

Action: *listEmailGroups*

Added in version 4.8.0-393

Description List e-mail groups.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'username' => 'mygroup',
          'email' => 'mygroup@example.com',
          'members' => 'poehler@interworx.com',
        ),
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MysqlDb, MysqlUser, MysqlPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 77

Controller: /siteworx/email/remotesetup

Required Permissions "EMAIL"

Action: *addmx*

Added in version 4.7.0-339

Description Add an MX record.

Input Parameters

Name	Type	Notes	Required?
zone_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records should be attempted. Lower numbers will be processed before higher ones.	Yes
mail_server	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *deletemx*

Added in version 4.7.0-339

Description Delete an MX record.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

record_id	struct (integer)		Yes
-----------	------------------	--	-----

Action: *disableLocalDelivery*

Added in version 4.8.0-393

Description Disables local delivery for specified domains.

Input Parameters

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com, secondary.com, sub.example.com, pointer.com	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *editmx*

Added in version 4.7.0-339

Description Edit an MX record.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
preference	integer	Help Entry An integer, ranging from 0-65535, indicating the order in which records should be attempted. Lower numbers will be processed before higher ones. Example Default Value 10	No*
mail_server	string	Example Default Value mail.example.com	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *enableLocalDelivery***Added in version** 4.8.0-393**Description** Enables local delivery for specified domains.**Input Parameters**

Name	Type	Notes	Required?
domain	struct (string)	Example Values example.com, secondary.com, sub.example.com, pointer.com	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *listLocalDeliveryStatus*****Added in version** 4.8.0-393**Description** Lists the status of local delivery for domains.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'domain' => 'example.com',
      'domain_type' => 'master',
      'master_domain' => 'example.com',
      'is_template' => '0',
      'status' => 1,
    ),
    1 =>
    array (
      'domain' => 'pointer.com',
      'domain_type' => 'redirect',
      'master_domain' => 'example.com',
      'is_template' => '0',
      'status' => 1,
    ),
    2 =>
    array (
      'domain' => 'secondary.com',
      'domain_type' => 'slave',
      'master_domain' => 'example.com',
      'is_template' => '0',
      'status' => 1,
    ),
  ),
)
```

Action: *listMxRecordIds***Added in version** 4.7.0-339**Description** List domain MX records by id.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => '8660',
      1 => 'example.com - Preference Number 10 mail.example.com',
    ),
    1 =>
    array (
      0 => '8679',
      1 => 'pointer.com - Preference Number 10 mail.pointer.com',
    ),
    2 =>
    array (
      0 => '8690',
      1 => 'secondary.com - Preference Number 10 mail.secondary.com',
    ),
  ),
)
```

Action: *listMxRecords***Added in version** 4.8.0-393**Description** List MX Records for the SiteWorx account.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'record_id' => '8660',
      'zone_id' => '666',
      'type' => 'MX',
      'host' => 'example.com',
      'target' => '10 mail.example.com',
      'ttl' => '43200',
      'last_update' => '1531337335',
      'preference' => '10',
      'mail_server' => 'mail.example.com',
    ),
    1 =>
    array (
      'record_id' => '8679',
      'zone_id' => '667',
      'type' => 'MX',
      'host' => 'pointer.com',
      'target' => '10 mail.pointer.com',
      'ttl' => '43200',
      'last_update' => '1531337371',
      'preference' => '10',
      'mail_server' => 'mail.pointer.com',
    ),
    2 =>
    array (
      'record_id' => '8690',
      'zone_id' => '668',
      'type' => 'MX',
      'host' => 'secondary.com',
      'target' => '10 mail.secondary.com',
      'ttl' => '43200',
      'last_update' => '1531337372',
      'preference' => '10',
      'mail_server' => 'mail.secondary.com',
    ),
  ),
)
```

Action: *localDelivery***Added in version** 4.7.0-339**Description** Change whether this box accepts email locally for a domain.**Input Parameters**

Name	Type	Notes	Required?
------	------	-------	-----------

local_delivery_status	integer	Example Values 1, 0 Example Default Value 1	No*
all_domains	integer	Help Entry When this options is selected, local delivery will be disabled for all domains on this account, otherwise only the current domain will have local delivery disabled. Example Values 1, 0 Example Default Value 0	No

* indicates that it's actually required, but probably already has a valid default value

Action: *queryEditmx*

Added in version 5.1.0-838

Description Displays the information available to the action "editmx".

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'host' => 'example.com',
    'ttl' => '43200',
    'preference' => '10',
    'mail_server' => 'mail.example.com',
    'record_id' => '8660',
  ),
)
```

Action: *queryLocalDelivery*

Added in version 5.1.0-838

Description Displays the information available to the action "localDelivery".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'local_delivery_status' => '1',
    'all_domains' => '0',
  ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 78

Controller: /siteworx/email/spamprefs

Required Permissions "EMAIL"

Action: *addAdvanced*

Added in version 4.7.0-339

Description Add advanced spamassassin configuration options.

Input Parameters

Name	Type	Notes	Required?
type	string	Example Values domain, email Example Default Value domain	No*
username1	string	Example Values @~example.com, @~pointer.com Example Default Value @~example.com	No
username2	string		No

preference	string	Example Values add_header, all_spam_to, always_trust_envelope_sender, auto_whitelist_db_modules, auto_whitelist_factor, bayes_auto_expire, bayes_auto_learn_threshold_nonspam, bayes_auto_learn_threshold_spam, bayes_expiry_max_db_size, bayes_ignore_from, bayes_ignore_header, bayes_ignore_header header_name, bayes_ignore_to, bayes_journal_max_size, bayes_learn_during_report, bayes_learn_to_journal, bayes_min_ham_num, bayes_min_spam_num, bayes_sql_override_username, bayes_use_chi2_combining, bayes_use_hapaxes, blacklist_from, blacklist_to, clear_headers, clear_report_template, clear_unsafe_report_template, dcc_body_max, dcc_fuz1_max, dcc_fuz2_max, dcc_timeout, def_whitelist_auth, def_whitelist_from_rcvd, describe, dns_available, envelope_sender_header, fold_headers, internal_networks, lock_method, more_spam_to, ok_languages, ok_locales, pyzor_max, pyzor_options, pyzor_timeout, razor_timeout, rbl_timeout, remove_header, report, report_charset, report_contact, ...	Yes
value	string		Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *deleteAdvanced*

Added in version 4.7.0-339

Description Delete advanced spamassassin configuration options.

Input Parameters

Name	Type	Notes	Required?
pref_id	struct (integer)		Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit spamassassin configuration settings.

Input Parameters

Name	Type	Notes	Required?
enable_spam	integer	Help Entry Enable SiteWorx level SpamAssassin controls for this domain. Example Values 1, 0 Example Default Value 0	No*

dropscore	string	<p>Help Entry</p> <p>This section lets you define what happens to spam once it has been tagged by SpamAssassin. The options are: <p>1. Deliver the Spam to an IMAP mailbox named "Spam", or if that box does not exist, the "Inbox". <p> 2. Delete Spam scored above a certain threshold, delivering all other Spam to the IMAP mailbox named "Spam".</p> <p>Example Values</p> <p>no</p> <p>Example Default Value</p> <p>no</p>	No*
spamscore	integer	<p>Description</p> <p>(required_score)</p> <p>Help Entry</p> <p>Messages that are scored above this value will be tagged and identified as Spam by SpamAssassin. Messages with scores below this value will not be tagged as Spam.</p> <p>Example Values</p> <p>5, 7, 10</p> <p>Example Default Value</p> <p>5</p>	No*
rewrite_subject	string	<p>Description</p> <p>(rewrite_header subject)</p> <p>Help Entry</p> <p>You can choose to have SpamAssassin alter the subject line of messages it identifies as spam. This can make messages tagged as spam more readily visible when viewing a list of messages, and can be used to filter messages based on the subject line in some e-mail clients.</p> <p>Example Values</p> <p>no</p> <p>Example Default Value</p> <p>no</p>	No*
report_safe	integer	<p>Description</p> <p>(report_safe)</p> <p>Help Entry</p> <p>In this section, you can set whether and how SpamAssassin alters the messages it tags as Spam.</p> <p>Example Values</p> <p>0, 1, 2</p> <p>Example Default Value</p> <p>1</p>	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *editAdvanced*

Added in version 4.7.0-339

Description Edit advanced spamassassin configuration options.

Input Parameters

Name	Type	Notes	Required?
pref_id	integer		Yes
value	string	Example Default Value test	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listGlobalPreferences*

Added in version 4.8.0-393

Description Lists information about global spam preferences.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'id' => '2',
      'username' => '@GLOBAL',
      'preference' => 'use_auto_whitelist',
      'value' => '1',
      'type' => 'global',
    ),
    1 =>
    array (
      'id' => '4',
      'username' => '@GLOBAL',
      'preference' => 'use_bayes',
      'value' => '1',
      'type' => 'global',
    ),
    2 =>
    array (
      'id' => '5',
      'username' => '@GLOBAL',
      'preference' => 'bayes_auto_learn',
      'value' => '1',
      'type' => 'global',
    ),
  ),
)
```

Action: *listPreferences*

Added in version 4.8.0-393

Description Lists information about current spam preferences.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'id' => '182',
      'username' => '@example.com',
      'preference' => 'add_header',
      'value' => 'test',
      'type' => 'domain',
    ),
  ),
)
```

Action: *listSpamPreferenceIds***Added in version** 4.7.0-339**Description** List e-mail spam preferences by id.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => '182',
          1 => 'add_header',
        ),
      ),
    ),
)
```

Action: *queryEdit***Added in version** 5.1.0-838**Description** Displays the information available to the action "edit".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      'enable_spam' => '0',
      'dropscore' => 'no',
      'spamscore' => '5',
      'rewrite_subject' => 'no',
      'report_safe' => '1',
    ),
)
```

Action: *queryEditAdvanced***Added in version** 5.1.0-838**Description** Displays the information available to the action "editAdvanced".**Input Parameters**

Name	Type	Notes	Required?
pref_id	integer		Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'preference' => 'add_header',
      'value' => 'test',
      'pref_id' => '182',
    ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 79

Controller: /siteworx/email/spf

Required Permissions "EMAIL","DNS"

Action: *delete*

Added in version 4.7.0-339

Description Delete a domain SPF configuration.

Input Parameters

Name	Type	Notes	Required?
record_id	struct (integer)		Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit a single domain SPF configuration.

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes
host	string	Example Default Value example.com	No*
ttl	integer	Description In Seconds Help Entry TTL, or Time To Live, is the number of seconds that a record will be considered valid by a server caching the information. Example Default Value 43200	No*
spf_record_value	string	Example Default Value v=spf1	No

spf_version	string	Example Values v=spf1, v=spf3 Example Default Value v=spf1	No*
use_a	integer	Description Should the IP(s) referenced in DNS A Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*
use_mx	integer	Description Should the hostnames referenced in DNS MX Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*
use_ptr	integer	Description Should the PTR Records for the sender's IP be used to validate the sender's domain? NOT RECOMMENDED. Example Values 1, 0 Example Default Value 0	No*
other_servers	integer	Description Do any other hostnames or IPs need to be authorized to send mail for this domain? Example Values 1, 0 Example Default Value 0	No*
mechanism_a	struct (string)	Description If the domain name has an address record (A or AAAA) that can be resolved to the sender's address, it will match.	No
mechanism_mx	struct (string)	Description If the domain name has an MX record resolving to the sender's address, it will match (i.e. the mail comes from one of the domain's mail servers).	No
mechanism_ip4	struct (string)	Description If the sender is in a given IPv4 range, match.	No
mechanism_ip6	struct (string)	Description If the sender is in a given IPv6 range, match.	No

mechanism_ptr	struct (string)	Description If the domain name for the client's address is in the given domain and that domain name resolves to the client's address, match. Input may use macro-expansion. NOT RECOMMENDED.	No
mechanism_exists	struct (string)	Description If there is a valid A Record for the given domain, match. Input may use macro-expansion.	No
mechanism_include	struct (string)	Description Used to include the policies of another domain's SPF record. Similar to the 'Redirect' parameter.	No
all	string	Description Defines how to respond if the record has produced no match. Example Values , -all, ~all, ?all, +all	No
redirect	string	Description Redirects verification to use the SPF record of the specified domain. This is useful, for example, if you send mail through your ISP's servers and they have defined an SPF record.	No
explanation	string	Description Defines a DNS name whose TXT Record may be returned along with failure messages. Rarely used, may not be universally supported.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *editAll*

Added in version 4.7.0-339

Description Edit all domains SPF configuration.

Input Parameters

Name	Type	Notes	Required?
spf_record_value	string	Example Default Value v=spf1	No
spf_version	string	Example Values v=spf1, v=spf3	Yes
use_a	integer	Description Should the IP(s) referenced in DNS A Records for this domain be permitted to send mail? Example Values 1, 0 Example Default Value 0	No*

use_mx	integer	<p>Description Should the hostnames referenced in DNS MX Records for this domain be permitted to send mail?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
use_ptr	integer	<p>Description Should the PTR Records for the sender's IP be used to validate the sender's domain? NOT RECOMMENDED.</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
other_servers	integer	<p>Description Do any other hostnames or IPs need to be authorized to send mail for this domain?</p> <p>Example Values 1, 0</p> <p>Example Default Value 0</p>	No*
mechanism_a	struct (string)	<p>Description If the domain name has an address record (A or AAAA) that can be resolved to the sender's address, it will match.</p>	No
mechanism_mx	struct (string)	<p>Description If the domain name has an MX record resolving to the sender's address, it will match (i.e. the mail comes from one of the domain's mail servers).</p>	No
mechanism_ip4	struct (string)	<p>Description If the sender is in a given IPv4 range, match.</p>	No
mechanism_ip6	struct (string)	<p>Description If the sender is in a given IPv6 range, match.</p>	No
mechanism_ptr	struct (string)	<p>Description If the domain name for the client's address is in the given domain and that domain name resolves to the client's address, match. Input may use macro-expansion. NOT RECOMMENDED.</p>	No
mechanism_exists	struct (string)	<p>Description If there is a valid A Record for the given domain, match. Input may use macro-expansion.</p>	No
mechanism_include	struct (string)	<p>Description Used to include the policies of another domain's SPF record. Similar to the 'Redirect' parameter.</p>	No

all	string	Description Defines how to respond if the record has produced no match. Example Values , -all, ~all, ?all, +all	No
redirect	string	Description Redirects verification to use the SPF record of the specified domain. This is useful, for example, if you send mail through your ISP's servers and they have defined an SPF record.	No
explanation	string	Description Defines a DNS name whose TXT Record may be returned along with failure messages. Rarely used, may not be universally supported.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listSpfRecords*

Added in version 4.8.0-393

Description Lists the SPF records.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'zone_id' => '666',
      'record_id' => '8668',
      'domain' => 'example.com',
      'type' => 'SPF',
      'target' => 'v=spf1',
      'ttl' => '43200',
    ),
    1 =>
    array (
      'zone_id' => '667',
      'record_id' => NULL,
      'domain' => 'pointer.com',
      'type' => NULL,
      'target' => NULL,
      'ttl' => NULL,
    ),
    2 =>
    array (
      'zone_id' => '668',
      'record_id' => NULL,
      'domain' => 'secondary.com',
      'type' => NULL,
      'target' => NULL,
      'ttl' => NULL,
    ),
  ),
),
```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
record_id	integer		Yes

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'host' => 'example.com',
    'ttl' => '43200',
    'spf_record_value' => 'v=spf1',
    'spf_version' => 'v=spf1',
    'use_a' => '0',
    'use_mx' => '0',
    'use_ptr' => '0',
    'other_servers' => '0',
    'mechanism_a' =>
    array (
    ),
    'mechanism_mx' =>
    array (
    ),
    'mechanism_ip4' =>
    array (
    ),
    'mechanism_ip6' =>
    array (
    ),
    'mechanism_ptr' =>
    array (
    ),
    'mechanism_exists' =>
    array (
    ),
    'mechanism_include' =>
    array (
    ),
    'all' => NULL,
    'redirect' => '',
    'explanation' => NULL,
    'record_id' => '8668',
  ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 80

Controller: /siteworx/ftp

Required Permissions "FTP"

Required Options FTP Accounts

Action: *add*

Added in version 4.7.0-339

Description Add an FTP account.

Input Parameters

Name	Type	Notes	Required?
user	string	Help Entry Username of FTP user currently logged in	Yes
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes
homedir	string	Example Default Value /home/example	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *delete*

Added in version 4.7.0-339

Description Delete an FTP account.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Help Entry Username of FTP user currently logged in Example Values ftp, sw_ftp_secondary	Yes

Action: *edit***Added in version** 4.7.0-339**Description** Edit a FTP account.**Input Parameters**

Name	Type	Notes	Required?
user	string	Example Values ftp, sw_ftp_secondary	Yes
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No
homedir	string	Example Default Value /home/example	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *list*****Added in version** 4.7.0-339**Description** List FTP accounts.**Warning** This action has been deprecated as of version 4.8.0-393. 2010-11-18 use listFtpAccounts**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'ftp',
      1 => 'ftp@example.com',
    ),
    1 =>
    array (
      0 => 'sw_ftp_secondary',
      1 => 'sw_ftp_secondary@example.com',
    ),
  ),
)
```

Action: *listFtpAccounts***Added in version** 4.8.0-393**Description** List FTP Accounts.**Sample output**

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'username' => 'ftp',
      'homedir' => '/home/example',
      'login_count' => '0',
      'fulluser' => 'ftp@example.com',
      'status' => 'active',
    ),
    1 =>
    array (
      'username' => 'sw_ftp_secondary',
      'homedir' => '/home/example',
      'login_count' => '0',
      'fulluser' => 'sw_ftp_secondary@example.com',
      'status' => 'active',
    ),
  ),
)

```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
user	string	Example Values ftp, sw_ftp_secondary	Yes

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'username' => 'ftp',
    'password' => NULL,
    'confirm_password' => NULL,
    'homedir' => '/home/example',
    'user' => 'ftp',
  ),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *suspend*

Added in version 5.1.0-954

Description Suspend an FTP account.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Help Entry Username of FTP user currently logged in Example Values ftp, sw_ftp_secondary	Yes

Action: *unsuspend***Added in version** 5.1.0-954**Description** Unsuspend an FTP account.**Input Parameters**

Name	Type	Notes	Required?
user	struct (string)	Help Entry Username of FTP user currently logged in Example Values ftp, sw_ftp_secondary	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 81

Controller: /siteworx/ftp/sessions

Required Permissions "FTP"

Required Options FTP Accounts

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *kill*

Added in version 4.7.0-339

Description Kill ftp sessions.

Input Parameters

Name	Type	Notes	Required?
sessions	struct (integer)		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *listFtpSessions*

Added in version 4.8.0-393

Description List Ftp Sessions.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MysqlDb, MysqlUser, MysqlPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 82

Controller: /siteworx/htaccess

Required Permissions "HTACCESS"

Action: *accessControl*

Added in version 5.0.15-659

Description Edit .htaccess access control settings.

Input Parameters

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
order	string	Help Entry Sets the order in which the Trusted (Allow) and Blocked (Deny) lists are evaluated.Deny first, then allow - The 'Blocked Hosts' list will be evaluated first.Allow first, then deny - The 'Trusted Hosts' list will be evaluated first. Example Values deny,allow, allow,deny	Yes
allow	struct (string)	Help Entry IPs or domain names listed here will be allowed access to this directory and its subdirectories.	No
deny	struct (string)	Help Entry IPs or domain names listed here will be denied access to this directory and its subdirectories.	No

Action: *add*

Added in version 4.7.0-339

Description Add a global .htaccess file.

Action: *addHandler*

Added in version 5.0.15-659

Description Add a .htaccess handler setting.

Input Parameters

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
handler	string		Yes
extensions	string		Yes

Action: *addMimetype*

Added in version 5.0.15-659

Description Add a .htaccess mimetype setting.

Input Parameters

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
mimetype	string		Yes
extensions	string		Yes

Action: *addPer*

Added in version 5.0.15-659

Description Add an .htaccess file.

Input Parameters

Name	Type	Notes	Required?
new_dir	string	Example Values /home/example/example.com/html/cgi-bin, /home/example/example.com/html/sub	Yes
status	integer	Example Values 1, 0 Example Default Value enabled	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *addRedirect*

Added in version 5.0.15-659

Description Add a .htaccess redirect setting.

Input Parameters

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
redir_from	string		Yes
redir_to	string		Yes
status	string	Example Values temp, permanent, seeother, gone	Yes

Action: *characterSet*

Added in version 5.0.15-659

Description Edit .htaccess charset setting.**Input Parameters**

Name	Type	Notes	Required?
charset	string	Help Entry Set the default character set used Example Values UTF-8, ISO-8859-1, UTF-16BE, UTF-16LE, UTF-16, ANSI_X3.4-1968, ISO-10646-UTF-1, ISO_646.basic:1983, INVARIANT, ISO_646.irv:1983, BS_4730, NATS-SEFI, NATS-SEFI-ADD, NATS-DANO, NATS-DANO-ADD, SEN_850200_B, SEN_850200_C, KS_C_5601-1987, ISO-2022-KR, EUC-KR, ISO-2022-JP, ISO-2022-JP-2, ISO-2022-CN, ISO-2022-CN-EXT, JIS_C6220-1969-jp, JIS_C6220-1969-ro, IT, PT, ES, greek7-old, latin-greek, DIN_66003, NF_Z_62-010_(1973), Latin-greek-1, ISO_5427, JIS_C6226-1978, BS_viewdata, INIS, INIS-8, INIS-cyrillic, ISO_5427:1981, ISO_5428:1980, GB_1988-80, GB_2312-80, NS_4551-1, NS_4551-2, NF_Z_62-010, videotex-suppl, PT2, ES2, ...	No

Action: *delete*

Added in version 4.7.0-339

Description Delete a .htaccess file.**Input Parameters**

Name	Type	Notes	Required?
htaccess_dirs	struct (string)	Example Values global, /home/example/example.com/html	Yes

Action: *deleteHandler*

Added in version 5.0.15-659

Description Delete a .htaccess handler setting.

Input Parameters

Name	Type	Notes	Required?
handler	struct (string)		Yes
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *deleteMimetype*

Added in version 5.0.15-659

Description Delete a .htaccess mimetype setting.

Input Parameters

Name	Type	Notes	Required?
mimetype	struct (string)		Yes
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *deleteRedirect*

Added in version 5.0.15-659

Description Delete a .htaccess redirect setting.

Input Parameters

Name	Type	Notes	Required?
redirect	struct (string)	Help Entry Redirect one URL to a new URL. The "Redirect From" field takes a path relative to the web root, while the "Redirect To" takes an absolute URL to another site. Example: To redirect from http://yourdomain.com/some/dir to http://www.domain2.com/foo/bar, you would enter <table border=><tr><td>Redirect From</td><td>Redirect To</td></tr><tr><td>/some/dir</td><td>http://www.domain2.com/foo/bar</td></tr></table>	Yes
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *dirIndex*

Added in version 5.0.15-659

Description Edit .htaccess directory index.

Input Parameters

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
default_indexes	struct (string)	Help Entry This setting affects when a browser requests a URL that ends in a '/' (a directory). Apache will use this list of files to determine which file to serve. Apache will serve the first file found in the list, from top to bottom.	No*
listing	string	Help Entry This setting affects when a browser requests a URL that ends in a '/' (a directory), and no Default Index files are found. If set to 'No', the browser will receive a '403 Forbidden' response. If set to 'Yes', the browser will list the contents of the directory. If set to 'Inherited', the setting will be inherited from a parent directory. Example Values inherited, on, off	Yes
listing_style	string	Help Entry This setting affects how the directory listing will be displayed. If set to 'Simple Listing', a simple directory list of files will be displayed. If set to 'Fancy Listing', a directory list of files along with timestamps and filesizes will be displayed. If set to 'Inherited', the setting will be inherited from a parent directory. Example Values inherited, simple, fancy	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *disable*

Added in version 4.7.0-339

Description Disable a .htaccess file.

Input Parameters

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *edit*

Added in version 5.0.15-659

Description Edit an .htaccess file.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

dir	string	Example Values global, /home/example/example.com/html	Yes
-----	--------	---	-----

Action: *editHandler***Added in version** 5.0.15-659**Description** Edit a .htaccess handler setting.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
handler	string		Yes
extensions	string		Yes

Action: *editMimetype***Added in version** 5.0.15-659**Description** Edit a .htaccess mimetype setting.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
mimetype	string		Yes
extensions	string		Yes

Action: *editRedirect***Added in version** 5.0.15-659**Description** Edit a .htaccess redirect setting.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
redir_from	string		Yes
redir_to	string		Yes
status	string	Example Values temp, permanent, seeother, gone	Yes

Action: *enable***Added in version** 4.7.0-339**Description** Enable a .htaccess file.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *hotlink*****Added in version** 5.0.15-659**Description** Edit .htaccess hotlink setting.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes
status	string	Help Entry Turns hotlink protection on or off. Example Values off, on	Yes
extensions	struct (string)	Help Entry Sets the list of extensions that will be protected from hotlinking.	No
allow_urls	struct (string)	Help Entry Sets the list of allowed domains that are allowed to hotlink to files with the listed extensions. The current SiteWorx domain will always be allowed to hotlink to the listed extensions. Example Default Value { "http:\\\\example.com": "http:\\\\example.com", "http:\\\\www.example.com": "http:\\\\www.example.com" }	No

allow_direct	string	<p>Help Entry This option allows "direct access" to the list of protected extensions. "Direct access" typically means the URL of the file is typed directly into the browser, and not linked from another page. More specifically, "Direct access" allows access to the protected extensions when the HTTP_REFERER field is empty.</p> <p>Example Values off, on</p> <p>Example Default Value off</p>	No*
replace_with	string	<p>Help Entry When this option is set with a valid absolute URL to an image file (e.g., http://www.somedomain.com/replaceimg.jpg), a hotlinked image will be replaced with this URL. If this option is not set, a hotlinked image will return a '403 Forbidden' response.</p>	No

* indicates that it's actually required, but probably already has a valid default value

Action: *phpVar*

Added in version 5.0.15-659

Description Edit .htaccess php variable setting.

Input Parameters

Name	Type	Notes	Required?
dir	string	<p>Example Values global, /home/example/example.com/html</p>	Yes
magic_quotes_gpc	string	<p>Help Entry Turns on or off the PHP 'Magic Quotes GPC' variable. If set to 'Inherited', the value will be set to what is shown between the parenthesis. Please refer to the PHP documentation for more information on the 'Magic Quotes GPC' variable.</p> <p>Example Values inherited, on, off</p>	Yes
register_globals	string	<p>Help Entry Turns on or off the PHP 'Register Globals' variable. If set to 'Inherited', the value will be set to what is shown between the parenthesis. Please refer to the PHP documentation on more information on the 'Register Globals' variable.</p> <p>Example Values inherited, on, off</p>	Yes
include_inherited	integer	<p>Example Values 1, 0</p> <p>Example Default Value 1</p>	No*

include_path	string	Help Entry Sets the PHP 'Include Path' variable for this directory and its subdirectories. If the 'Inherited' box is checked, the value will be set to what is shown in the textbox. Please refer to the PHP documentation on more information on the 'Include Path' variable.	No
display_errors	string	Help Entry Turns on or off the PHP 'Display Errors' variable. If set to 'Inherited', the value will be set to what is shown between the parenthesis. Please refer to the PHP documentation for more information on the 'Display Errors' variable. Example Values inherited, on, off	Yes
report_inherited	integer	Example Values 1, 0 Example Default Value 1	No*
error_reporting	struct (integer)	Help Entry Sets the PHP 'Error Reporting' variable for this directory and its subdirectories. If the 'Inherited' box is checked, the value will be inherited from a parent directory, and the checkboxes will be set accordingly. Please refer to the PHP documentation for more information on the 'Error Reporting' variable. Example Values 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 32767	No

* indicates that it's actually required, but probably already has a valid default value

Action: *queryCharacterSet*

Added in version 5.1.0-838

Description Displays the information available to the action "characterSet".

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'charset' => NULL,
    'dir' => '/home/example/example.com/html/cgi-bin',
  ),
)
```

Action: *queryEdit*

Added in version 5.1.0-838

Description Displays the information available to the action "edit".

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

dir	string	Example Values global, /home/example/example.com/html	Yes
-----	--------	---	-----

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
      'dir_copy' => 'global',
      'dir' => 'global',
    ),
)
```

Action: *queryGlobalDir*

Added in version 5.0.15-659

Description Lists information about htaccess.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'directory' => '/home/example/example.com/html',
          'status' => true,
        ),
    ),
)
```

Action: *queryHandlers*

Added in version 5.0.15-659

Description Lists information about Handlers.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *queryMimetypes*

Added in version 5.0.15-659

Description Lists information about Mimetypes.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *queryPerDir***Added in version** 5.0.15-659**Description** Lists information about htaccess.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *queryRedirects***Added in version** 5.0.15-659**Description** Lists information about Redirects.**Input Parameters**

Name	Type	Notes	Required?
dir	string	Example Values global, /home/example/example.com/html	Yes

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *win*****Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 83

Controller: /siteworx/index

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *getSession*

Added in version 4.7.0-339

Description Gets the session id.

Sample output

```
array (
  'status' => 0,
  'payload' => 'e700fcc6c4fc9a6a7c189cbea01c0823',
)
```

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 84

Controller: /siteworx/logout

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *logout*

Added in version 4.8.0-393

Description Logout of SiteWorx.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, SimpleScripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 85

Controller: /siteworx/logs

Required Permissions "LOGS"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listLogs*

Added in version 5.1.31-1242

Description List domain logs.

Sample output

```
array (
  'status' => 0,
  'payload' =>
    array (
    ),
)
```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *view*

Added in version 5.1.0-941

Description View system logs.

Input Parameters

Name	Type	Notes	Required?
group	string	Example Values Http, LetsEncrypt	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 86

Controller: /siteworx/mysql/db

Required Permissions "MYSQL"

Required Options MySQL Databases

Action: *add*

Added in version 4.7.0-339

Description Add a mysql database.

Input Parameters

Name	Type	Notes	Required?
name	string		Yes
create_user	integer	Example Values 1	No
user	string		No
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No
perms	struct (string)	Example Values SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, REFERENCES, INDEX, ALTER, CREATE TEMPORARY TABLES, LOCK TABLES, CREATE VIEW, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, EXECUTE, EVENT, TRIGGER Example Default Value ["SELECT", "INSERT", "UPDATE", "DELETE", "CREATE", "DROP", "REFERENCES", "INDEX", "TEMPORARY TABLES", "LOCK TABLES", "CREATE VIEW", "SHOW VIEW", "CREATE ROUTINE", "ALTER ROUTINE", "EXECUTE", "EVENT", "TRIGGER"]	No
host	string	Example Default Value %	No

Action: *delete*

Added in version 4.7.0-339

Description Delete a mysql database.

Input Parameters

Name	Type	Notes	Required?
name	struct (string)	Example Values mydb	Yes
confirm_action	struct (integer)	Example Values 1	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *list*

Added in version 4.7.0-339

Description List MySQL databases.

Warning This action has been deprecated as of version 4.8.0-393. 2010-12-03 use listDatabases

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'mydb',
      1 => 'example_mydb',
    ),
  ),
)
```

Action: *listMysqlDatabases*

Added in version 4.8.0-393

Description List MySQL Databases.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'name' => 'mydb',
      'fqdn' => 'example_mydb',
      'host' => '10.1.15.200',
      'storage' => '0.00 B',
    ),
  ),
)
```

Action: *listMysqlHost***Added in version** 4.7.0-339**Description** List the mysql host for this account (localhost, 22.33.44.55, etc).**Sample output**

```
array (
  'status' => 0,
  'payload' => '10.1.15.200',
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MysqlDb, MysqlUser, MysqlPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 87

Controller: /siteworx/mysql/perms

Required Permissions "MYSQL"

Required Options MySQL Databases, MySQL Users

Action: *add*

Added in version 4.7.0-339

Description Add mysql permissions.

Input Parameters

Name	Type	Notes	Required?
name	string	Example Values mydb	Yes
user	string	Example Values testuser	Yes
perms	struct (string)	Example Values SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, REFERENCES, INDEX, ALTER, CREATE TEMPORARY TABLES, LOCK TABLES, CREATE VIEW, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, EXECUTE, EVENT, TRIGGER Example Default Value ["SELECT", "INSERT", "UPDATE", "DELETE", "CREATE", "DROP", "REFERENCES", "INDEX", TEMPORARY TABLES", "LOCK TABLES", "CREATE VIEW", "SHOW VIEW", "CREATE ROUTINE", "ALTER ROUTINE", "EXECUTE", "EVENT", "TRIGGER"]	No*
host	string	Example Default Value %	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *edit*

Added in version 4.7.0-339

Description Edit mysql permissions.

Input Parameters

Name	Type	Notes	Required?
perms	struct (string)	Example Values SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, REFERENCES, INDEX, ALTER, CREATE TEMPORARY TABLES, LOCK TABLES, CREATE VIEW, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, EXECUTE, EVENT, TRIGGER Example Default Value ["CREATE", "DROP", "REFERENCES", "ALTER", "DELETE", "INDEX", "INSERT", "SELECT", "VIEW", "SHOW VIEW", "ALTER ROUTINE", "CREATE ROUTINE", "EXECUTE", "CREATE TEMPORARY TABLES", "LOCK TABLES", "EVENT", "TRIGGER"]	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *listAvailablePerms*****Added in version** 4.7.0-339**Description** List available MySQL permissions.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 => 'SELECT',
    1 => 'INSERT',
    2 => 'UPDATE',
  ),
)
```

Action: *queryDatabaseUserPerms***Added in version** 4.8.0-393**Description** Given a database, find all the db users and their permissions on that db.**Input Parameters**

Name	Type	Notes	Required?
name	string	Example Values mydb	Yes

Action: *queryEdit***Added in version** 5.1.0-838**Description** Displays the information available to the action "edit".

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'name_copy' => 'mydb',
    'user_copy' => 'testuser',
    'perms' =>
    array (
      0 => 'CREATE',
      1 => 'DROP',
      2 => 'REFERENCES',
      3 => 'ALTER',
      4 => 'DELETE',
      5 => 'INDEX',
      6 => 'INSERT',
      7 => 'SELECT',
      8 => 'UPDATE',
      9 => 'CREATE VIEW',
      10 => 'SHOW VIEW',
      11 => 'ALTER ROUTINE',
      12 => 'CREATE ROUTINE',
      13 => 'EXECUTE',
      14 => 'CREATE TEMPORARY TABLES',
      15 => 'LOCK TABLES',
      16 => 'EVENT',
      17 => 'TRIGGER',
    ),
    'host_copy' => '%',
    'name' => 'mydb',
    'user' => 'testuser',
    'host' => '%',
  ),
),
)

```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 88

Controller: /siteworx/mysql/user

Required Permissions "MYSQL"

Required Options MySQL Users

Action: *add*

Added in version 4.7.0-339

Description Add a mysql user.

Input Parameters

Name	Type	Notes	Required?
name	string		Yes
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a mysql user.

Input Parameters

Name	Type	Notes	Required?
name	struct (string)	Example Values testuser	Yes

Action: *edit*

Added in version 4.7.0-339

Description Edit a mysql user.

Input Parameters

Name	Type	Notes	Required?
name	string	Example Values testuser	Yes
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *list*****Added in version** 4.7.0-339**Description** List MySQL users.**Warning** This action has been deprecated as of version 4.8.0-393. 2010-12-03 use listMysqlUsers**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          0 => 'testuser',
          1 => 'example_testuser',
        ),
    ),
)
```

Action: *listMysqlUsers***Added in version** 4.8.0-393**Description** List MySQL users.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
    array (
      0 =>
        array (
          'name' => 'testuser',
          'fqun' => 'example_testuser',
          'databases' => 'example_mydb',
        ),
    ),
)
```

Action: *queryEdit***Added in version** 5.1.0-838**Description** Displays the information available to the action "edit".**Input Parameters**

Name	Type	Notes	Required?
name	string	Example Values testuser	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 89

Controller: /siteworx/notice

Required Permissions "LOGIN"

Action: *dismissBanner*

Added in version 4.7.0-339

Description Dismisses a banner notice.

Input Parameters

Name	Type	Notes	Required?
delivery_id	integer		No*

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *ignoreUntil*

Added in version 4.7.0-339

Description Ignore a notice until a certain time.

Input Parameters

Name	Type	Notes	Required?
delivery_id	struct (integer)		Yes
ignore_until	integer	Example Values 0, 1, 2, 3, 4, 5	Yes

Action: *listBannerNotices*

Added in version 4.7.0-339

Description Lists current banner notices.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'delivery_id' => '79808',
      'code' => '',
      'priority' => 'negative',
      'node_id' => '',
      'subject' => 'Test notice',
      'body' => 'Test Notice!',
      'date_created' => '1531337395',
    ),
  ),
)
```

Action: *removeUnsubscription*

Added in version 4.7.0-339

Description Removes an unsubscription block for the current user.**Input Parameters**

Name	Type	Notes	Required?
code	integer		Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *unsubscribe*

Added in version 4.7.0-339

Description Unsubscribes the current user from a problem code.**Input Parameters**

Name	Type	Notes	Required?
code	string		Yes

Action: *unsubscribeAll*

Added in version 6.1.9-1465

Description Unsubscribe from all notices.

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 90

Controller: /siteworx/overview

Action: *editProfile*

Added in version 4.8.2-411

Description Edit the currently authenticated users' profile.

Input Parameters

Name	Type	Notes	Required?
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
menu_style	string	Example Values big, small Example Default Value big	No*
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *listAccountDetails*

Added in version 4.7.0-339

Description List siteworx account details.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'username' => 'example',
      'email' => 'user@example.com',
      'masterdomain' => 'example.com',
      'homedir' => '/home/example',
      'domains' =>
        array (
          0 => 'example.com',
          1 => 'secondary.com',
        ),
      'remaining_diskspace' => 'unlimited',
      'options' =>
        array (
          'storage' => 999999999,
          'bandwidth' => 999999999,
          'email_aliases' => 999999999,
          'email_autoresponder' => 999999999,
          'email_boxes' => 999999999,
          'email_groups' => 999999999,
          'ftp_accounts' => 999999999,
          'mysql_dbs' => 999999999,
          'mysql_db_users' => 999999999,
          'pointer_domains' => 999999999,
          'glav_domains' => 999999999,
          'subdomains' => 999999999,
          'backup' => true,
          'cgi_access' => true,
          'crontab' => true,
          'dns_records' => true,
          'ssl' => true,
          'burstable' => true,
          'save_xfer_logs' => true,
        ),
    ),
)

```

Action: *listAvailableDiskSpace*

Added in version 4.7.0-339

Description List available disk space action.

Sample output

```

array (
  'status' => 0,
  'payload' => 'unlimited',
)

```

Action: *listLicenseKey*

Added in version 4.7.0-339

Description List the InterWorx license key.

Sample output

```

array (
  'status' => 0,
  'payload' =>
    array (
      'licence_key' => 'INTERWORX_APIDOC2',
    ),
)

```

Action: *listMasterDomain*

Added in version 4.7.0-339

Description List the current master domain.

Sample output

```

array (
  'status' => 0,
  'payload' => 'example.com',
)

```

Action: *listPhpInstallMode***Added in version** 4.7.0-339**Description** Get the mode php is running under.**Sample output**

```
array (
  'status' => 0,
  'payload' => 'mod_suphp',
)
```

Action: *listVersion***Added in version** 4.7.0-339**Description** List the version of InterWorx installed.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'version' => '6.1.23-1488',
  ),
)
```

Action: *listWorkingDomain***Added in version** 4.7.0-339**Description** List the current working domain.**Sample output**

```
array (
  'status' => 0,
  'payload' => 'example.com',
)
```

Action: *queryEditProfile***Added in version** 5.1.0-838**Description** Displays the information available to the action "editProfile".**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    'language' => 'en-us',
    'menu_style' => 'big',
    'password' => NULL,
    'confirm_password' => NULL,
  ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MysqlDb, MysqlUser, MysqlPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 91

Controller: /siteworx/prefs

Required Permissions "PREFERENCES"

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *phpOptions*

Added in version 6.0.8-1363

Description Change PHP Options.

Input Parameters

Name	Type	Notes	Required?
default_php_version	string	Help Entry The version of PHP pre-populated in forms. Changing this value has no effect on any domain already in existence, but does change the version of PHP used at the command line. Example Values /opt/remi/php71 Example Default Value /opt/remi/php71	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes
------------	--------	--	-----

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 92

Controller: /siteworx/simplescripts

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 93

Controller: /siteworx/ssl

Required Permissions "SSL"

Required Options SSL Access

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *generateLetsEncrypt*

Added in version 5.1.4-1042

Description Generates SSL certs via LetsEncrypt.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
commonName	string	Help Entry Please select the domain name (common name) this certificate will use. If you do not see your desired domain, you will first need to add it as a pointerdomain or as a subdomain in SiteWorx. Note that 'www.domain.com' is not the same as 'domain.com'. A wildcard domain begins with an asterisk, '*', and is valid for all subdomains. For example, a Common Name of '*.domain.com' would create a CSR that is valid for 'domain.com', 'sub1.domain.com', 'sub2.domain.com', and so on. Example Values example.com, mail.example.com, ftp.example.com, sub.example.com, www.example.com	Yes
subjectAltName	struct (string)	Help Entry List alternative domain names you wish to associate with this certificate. Example Values example.com, mail.example.com, ftp.example.com, sub.example.com, www.example.com	No

emailAddress	string	Description Used for urgent notices and lost key recovery. Help Entry Please enter the email address that is associated with this certificate. Example Default Value user@example.com	No*
mode	string	Help Entry "Live" mode will generate a real LetsEncrypt signed certificate. "Staging" mode will generate a fake certificate that should only be used for testing purposes. Example Values staging, live Example Default Value live	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *install*

Added in version 4.7.0-339

Description Installs SSL to vhost config.

Input Parameters

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
chain	integer	Example Values 1, 0	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *listSslInfo*

Added in version 6.0.11-1380

Description List SSL Info.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'config_exists' => true,
    'chain_pem' => '/home/example/var/example.com/ssl/example.com.chain.pem',
    'fullchain_pem' => NULL,
    'key' => '/home/example/var/example.com/ssl/example.com.priv.key',
    'csr' => '/home/example/var/example.com/ssl/example.com.csr',
    'crt' => '/home/example/var/example.com/ssl/example.com.crt',
    'ssl_domain' => 'example.com',
```

```

'expiry' =>
array (
  'valid_from' => 1531337384,
  'valid_to' => 1562873384,
),
'parsed_cert' =>
array (
  'C' => 'US',
  'ST' => 'PA',
  'L' => 'Pittsburgh',
  'O' => 'InterWorx',
  'OU' => 'Testing',
  'CN' => 'example.com',
  'emailAddress' => 'admin@example.com',
),
'alt_names' =>
array (
  'example.com' => 'example.com',
),
'cert_issued_by' => '##LG_SSL_SELF_SIGNED_CERTIFICATE##',
),
)

```

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *uninstall*

Added in version 4.7.0-339

Description Removes SSL from vhost config.**Input Parameters**

Name	Type	Notes	Required?
domain	string	Example Values example.com, secondary.com	Yes
cascade_to_nodes	integer	Help Entry Selecting this option causes the action to be replayed on all nodes of the cluster automatically, as if you had logged in to each node manually Example Values 1	No

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 94

Controller: /siteworx/ssl/chain

Required Permissions "SSL"

Required Options SSL Access

Action: *delete*

Added in version 4.7.0-339

Description Delete SSL chain certificate.

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *getSslChain*

Added in version 6.0.11-1380

Description Get SSL Chain Certificate.

Sample output

```
array (
  'status' => 0,
  'payload' => 'Success',
)
```

Action: *install*

Added in version 4.7.0-339

Description Install SSL chain certificate.

Input Parameters

Name	Type	Notes	Required?
chain	string		Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, SimpleScripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win*

Added in version n/a

Description Magic function - test for testing success mechanism.

Action: *install***Added in version** 4.7.0-339**Description** Install a SSL certificate.**Input Parameters**

Name	Type	Notes	Required?
crt	string		Yes

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCert, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, SimpleScripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 96

Controller: /siteworx/ssl/csr

Required Permissions "SSL"

Required Options SSL Access

Action: *delete*

Added in version 4.7.0-339

Description Delete a SSL certificate signing request.

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *generate*

Added in version 4.7.0-339

Description Generate a SSL certificate signing request.

Input Parameters

Name	Type	Notes	Required?
countryName	string	Help Entry Please enter the 2-letter country code corresponding to your country. Example Values US, CA, AF, AL, DZ, AS, AD, AO, AI, AQ, AG, AR, AM, AW, AU, AT, AZ, BS, BH, BD, BB, BY, BE, BZ, BJ, BM, BT, BO, BA, BW, BV, BR, IO, BN, BG, BF, BI, KH, CM, CV, KY, CF, TD, CL, CN, CX, CC, CO, KM, CG, ... Example Default Value US	No*
stateOrProvinceName	string	Help Entry Please enter the name of the state or province in which you reside.	Yes
localityName	string	Help Entry Please enter the name of the city in which you reside.	Yes

organizationName	string	Help Entry Please enter the name of the company to which this certificate belongs.	Yes
organizationalUnitName	string	Help Entry Please enter the name of the company division to which this certificate belongs.	Yes
commonName	string	Help Entry Please select the domain name (common name) this certificate will use. If you do not see your desired domain, you will first need to add it as a pointerdomain or as a subdomain in SiteWorx. Note that 'www.domain.com' is not the same as 'domain.com'. A wildcard domain begins with an asterisk, '*', and is valid for all subdomains. For example, a Common Name of '*.domain.com' would create a CSR that is valid for 'domain.com', 'sub1.domain.com', 'sub2.domain.com', and so on. Example Values example.com, *.com, example.*, *.example.com, ipv4.example.com, mail.example.com, ftp.example.com, sub.example.com, www.example.com	Yes
subjectAltName	struct (string)	Help Entry List alternative domain names you wish to associate with this certificate. Example Values example.com, mail.example.com, ftp.example.com, sub.example.com, www.example.com	No
emailAddress	string	Help Entry Please enter the email address that is associated with this certificate.	Yes

* indicates that it's actually required, but probably already has a valid default value

Action: *getSslCsr*

Added in version 6.0.11-1380

Description Get SSL CSR.

Sample output

```
array (
  'status' => 0,
  'payload' => '-----BEGIN CERTIFICATE REQUEST -----
MIIDFDCCAfwCAQAwY0xCzAJBgNVBAYTA1VTM0swCQYDVQIDAJQQTETMBEGA1UE
BwwKUGl0dHNldXJnaDESMBAGA1UECgwJSM50ZXJxb3J4MRAwDgYDVQQLADUZXXN0
aW5nMRQwEgYDVQDDAt1eGFTcGx1LmNvbTEgMB4GCsqGSIB3DQEBAAQUAA4IBDwAwggEKAoIABgQDQ4Y8c
FwUjTK0dTRP1zI6pY4gpVXNpsJ2q0MKDrGHb4K4yq0RAhwuyGcnG45iNMfRCEQDE
PkPfI8uNWhpmW01aUpl2me4VaAaA8MCSId1dt29uqxOf/Fk9wHUYw2/EWza6gAP
GUPxCR+Ij8qVfvD0/CW6K7u2wy8PJ6RuRVb0otUhhbVL82Hz/QoztSBHw+S4tGpH
jexniKHiz10B80YL5tU5U6BrKLqs7XkJ0vP0IXq4Ra0CgID S6WNKNMPcxXrTUF
672myXoF49k91jb1QUJ5Ih+SLDQg130J93OFLTCFPt1zArXt1KDvcQF7gpy8ysad
95CDsya0oSFAG0ALAgMBAAGGOTA/BgkqhkiG9w0BCCQ4xMjA1UdEwQCMAAw
CwYDVR0PBAQDAGXgMByGA1UdEQPNA2CC2V4Y1wbGUy29tMAOGCSqGSIB3DQEB
CwUAA4IBAQDCYEuK4KSMjQ1SLCR9ti2s8GVgFYactcBeL50CFmiJ/KkX7gugS1H6
aG1Gv2jGLXyFDPEbVvWg+5S9SaME0tF7xcGXnKDbstZzMGn12XApY0oPqJEWt6N
eDB1t3UvhaXpDdX9ajNMESRgIvYkV4gp2gWdZpBRc+rxWacWpCH69yLRX9iM0Np
h6F/3mPdvb38KXwAfcq1tHuXLkTAObPte9y2IzY/+3TxWH/0wS19s5YkXF+cX1EU
udc08Mk10V0w6TPdA+12WN7KK71lnwABS5seYXd5kChAE+fUOPvVCSA9Tn3RA840
BxsJxpWA0nHng7Fg718JigvNkXQVNLbm
-----END CERTIFICATE REQUEST -----
'
```

Action: *install***Added in version** 4.7.0-339**Description** Install a SSL certificate signing request.**Input Parameters**

Name	Type	Notes	Required?
csr	string		Yes

Action: *listSslDomains***Added in version** 4.7.0-339**Description** List domains on this account on which an SSL certificate can be installed.**Sample output**

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 => 'example.com',
    1 => '*.com',
    2 => 'example.*',
  ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Input Parameters**

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 97

Controller: /siteworx/ssl/key

Required Permissions "SSL"

Required Options SSL Access

Action: *delete*

Added in version 4.7.0-339

Description Delete SSL private key.

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *generate*

Added in version 4.7.0-339

Description Generate an SSL Key.

Input Parameters

Name	Type	Notes	Required?
key_length	integer	Example Values 2048, 3072, 4096 Example Default Value 2048	No*

* indicates that it's actually required, but probably already has a valid default value

Action: *getSslKey*

Added in version 6.0.11-1380

Description Get SSL Private Key.

Sample output

```
array (
  'status' => 0,
  'payload' => '-----BEGIN PRIVATE KEY-----
MIIEvgIBADANBgkqhkiG9w0BAQFAAQSCBKGgggSkaGEAAoIBAQDq4Y8cFVUjTK0d
TRP1z16pYdgpVXHpSjZq0HkDrGHb4K4yq0RAhwuyGcnG45iMMfRCEQdEPkdf18uN
WhpmW0i aUap1Zme4VaaHa8MCB1didt29uqx Cf /FK9wHUYw2 /Ehza6gAPGUPxCR+I
j8QVfVdU/CW6K7u2wysPJ6RuRvB0aVhbVL02Hz /QoztSBHw+S4tGpHjexnmIKH
iz10B80LStU5U6B9rKLqs7Xk10vP0IXq4rAoCg1DS6WMMMPxcXrTUFe72myXoF
49k91j1b1QUJ5ih+SLDqg130J930FLTCFtIz ahXtiKD VcQF7gpy8ys ad96CDsya0
oSPAQ0ALgMBAACggEAtDQ364Jb2Pz /Uf08ZvJFQ3MCGXDFYbqULKmqVx1733
euqtTwhwp69L4Q+BeSfYXBvYH1SF SKDTG9S2B /d14LqLvdj3vzgdpaCigqekBoF
F0NHWTGz9ISx0qUGS QStGAz5WAclNE9p14Kuc1Hp /+w1RC9B oCnE6i ykm7V2Mjm4
CyUgB0cu1c2Ptr if jLEyTc1TCnNw9xKLLQV1JcXxqF512IHNA9N0086idP1pdE
f90g7U5K1Whf1QpIUB781mgRhhkXZ31BDQd09rGsf0r ++Hr8z67R8glg558A1X
qy6CcofXEcS WZ1Is +wdDD5s /9NcT6e0INTcVA31YQK8gQD2dPUsmf IESTqzKpHY
8p1jjeB/GuMAQX5LdsNHOfzkdXO /d4rtWspJxaq+Ca3IF11QkrUyX5Xfuaw21I +c
hal/WfRLhgEyzakhpqTE0AmYIAwVz9erOP QfD6W5MFSMvQXTdnw /nAVL41L2knu
GQ20bgKHsISc1a6zMEDki815QRBgQDz +drIJBHt0qwe4axVd+/cyPcs0e/kbzIP
8E15JEahmSrwVFF1ulP09iZpYnlg14TKxjiJMa8rFpaZhs /k100vH1p1A13C7sY
N9M05sAAc3sEMje0cvYRTASq /J790y00umseppdgyQP BmXJ6CAe11fJ4n3cD6
94rk/BFvLwH8gBVK2Xu2+r/Bz88/1JcUreax0Plq025kaLse6dSTN8QEH1QDYe9L
rrpc4jTUhHed0BJLGBjh8giZGz5s96T9abZALAYJjZVrxzc0D /408w1+k0zNPBb
A3uZofAtAL63RDtXNMPmCny50v22fhGFTat4m4SpA0xCPkug2Zprwi5A068A1jV
/WUApv0UCn/RT63s+1RtPb/7hv ei /ns+FPAT04BzPKAtQS085YH412YyFb4w1n0p
zq6dIgyOxsCoeN3IM7gYopyOWfciJV1j0Bsw4F6F2fH1HKMY /TJLCJsa2sZ5AEB
zFSEBybYn114WjnhvhJNulN7d4afqEEspYXh1A0GBA0m5ocB2WzfZCQBCY6E
edBY1pXn0Rfwe7fPYh9mhp+X3aqEoqP cGTnStu50p1bBdXAmcdTKB4 /Vvriy8T1
DN9528G+YpYwTrh34Bsf2WErVzZvMTE /YYAQFidnGUp1pSTYnJEBrpskm0Zux0 /
LXg54q7Zenn6IuPrY8+JagQ1
-----END PRIVATE KEY-----
'
);
```

Action: install

Added in version 4.7.0-339

Description Install SSL private key.

Input Parameters

Name	Type	Notes	Required?
key	string		Yes

Action: reroute

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes

Action: win

Added in version n/a

Description Magic function - test for testing success mechanism.

Chapter 98

Controller: /siteworx/twofactorauth

Required Permissions "LOGIN"

Action: *delete*

Added in version 5.1.8-1064

Description Delete action.

Action: *fail*

Added in version n/a

Description Magic function - test for failure mechanism.

Action: *generate*

Added in version 5.1.8-1064

Description Generate action.

Input Parameters

Name	Type	Notes	Required?
code	integer	Help Entry The authentication code generated by the application configured when two-factor authentication was set up.	Yes

Action: *reroute*

Added in version n/a

Description Action to re-route from the current controller to a different one.

Input Parameters

Name	Type	Notes	Required?
------	------	-------	-----------

controller	string	Example Values Index, Overview, Email, EmailBox, EmailAlias, EmailGroup, EmailAutorespond, DomainsSlave, DomainsPointer, DomainsSub, DomainsPhp, Dns, Ssl, SslKey, SslChain, SslCrt, SslCsr, Ftp, FtpSessions, MySQLdb, MySQLUser, MySQLPerms, Cron, Htaccess, Simplescripts, Users, Logs, Twofactorauth, EmailRemotesetup, EmailFilters, EmailSpamprefs, EmailSpf, EmailDomainkeys, Backup, BackupSchedule, Prefs, Notice, Logout	Yes
------------	--------	--	-----

Action: *win***Added in version** n/a**Description** Magic function - test for testing success mechanism.

Chapter 99

Controller: /siteworx/users

Required Permissions "USERS"

Action: *activate*

Added in version 4.8.0-393

Description Activates a SiteWorx user.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Example Values second@interworx.com	Yes

Action: *add*

Added in version 4.7.0-339

Description Add a siteworx user.

Input Parameters

Name	Type	Notes	Required?
nickname	string		No
email	string		Yes
encrypted	string	Description "y" if the password is ALREADY encrypted, "n" if the password is not yet encrypted. Default: n Example Values y, n Example Default Value n	No*
password	string		Yes
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	Yes

language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
menu_style	string	Example Values big, small Example Default Value big	No*
perms	struct (string)	Example Values OVERVIEW, LOGIN, EMAIL, STATS, FTP, LOGS, MYSQL, BACKUP, SUBDOMAINS, PREFERENCES, USERS, FILEMANAGER, POINTERDOMS, CRONTAB, SSL, HTACCESS, SLAVEDOMS, RUBYONRAILS, DNS, PHP, HTTPAUTH, simplescripts Example Default Value ["LOGIN"]	No
locked_domains	string	Help Entry Users may be locked to a subset of domains. This field is a comma separated list of domains, and may additionally use the negation operator (!) and the wildcard (*).	No

* indicates that it's actually required, but probably already has a valid default value

Action: *deactivate*

Added in version 4.8.0-393

Description Deactivates (but does not delete) a SiteWorx user.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Example Values second@interworx.com	Yes

Action: *delete*

Added in version 4.7.0-339

Description Delete a siteworx user.

Input Parameters

Name	Type	Notes	Required?
user	struct (string)	Example Values second@interworx.com	Yes

Action: *edit***Added in version** 4.7.0-339**Description** Edit a siteworx user.**Input Parameters**

Name	Type	Notes	Required?
user	string	Example Values user@example.com, second@interworx.com	Yes
nickname	string	Example Default Value Example User	No
email	string	Example Default Value user@example.com	No*
language	string	Example Values pl, de, ru, it, tr, en-us, hu, sv, sk, es, zh, da, nl, fr, cs, pt Example Default Value en-us	No*
menu_style	string	Example Values big, small Example Default Value big	No*
encrypted	string	Description "y" if the password is ALREADY encrypted, "n" if the password is not yet encrypted. Default: n Example Values y, n Example Default Value n	No*
password	string		No
confirm_password	string	Help Entry Confirm the password field by providing it again. Must match the password provided.	No

* indicates that it's actually required, but probably already has a valid default value

Action: *fail***Added in version** n/a**Description** Magic function - test for failure mechanism.**Action: *list*****Added in version** 4.7.0-339**Description** List SiteWorx users.

Warning This action has been deprecated as of version 4.8.0-393. 2011-01-27 use ListUsersAction

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'user@example.com',
      1 => 'Example User (user@example.com)',
    ),
    1 =>
    array (
      0 => 'second@interworx.com',
      1 => 'NW Secondary User (second@interworx.com)',
    ),
  ),
)
```

Action: *listDeletable*

Added in version 4.7.0-339

Description List deletable SiteWorx users.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'second@interworx.com',
      1 => 'NW Secondary User (second@interworx.com)',
    ),
  ),
)
```

Action: *listEditable*

Added in version 4.7.0-339

Description List editable SiteWorx users.

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      0 => 'user@example.com',
      1 => 'Example User (user@example.com)',
    ),
    1 =>
    array (
      0 => 'second@interworx.com',
      1 => 'NW Secondary User (second@interworx.com)',
    ),
  ),
)
```

Action: *listMasterUser*

Added in version 4.7.0-339

Description Get details of the working user.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'userid' => 464,
    'nickname' => 'Example User',
    'email' => 'user@example.com',
    'ismaster' => true,
    'status' => 'active',
    'language' => 'en-us',
    'theme' => 'calliope',
    'menu_style' => 'big',
    'perms' =>
    array (
      0 => 'MASTER',
    ),
    'ssh_enabled' => '0',
    'ssh_username' => 'example_0',
    'ssh_public_key' => '',
  ),
)

```

Action: *listUsers*

Added in version 4.8.0-393

Description List SiteWorx users.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    0 =>
    array (
      'global_uid' => 'sw464',
      'email' => 'user@example.com',
      'nickname' => 'Example User',
      'language' => 'en-us',
      'user_status' => 'active',
      'type' => 'master',
      'ssh_enabled' => '0',
      'ssh_username' => 'example_0',
    ),
    1 =>
    array (
      'global_uid' => 'sw465',
      'email' => 'second@interworx.com',
      'nickname' => 'NW Secondary User',
      'language' => 'en-us',
      'user_status' => 'active',
      'type' => 'slave',
      'ssh_enabled' => '0',
      'ssh_username' => 'example_1',
    ),
  ),
)

```

Action: *listWorkingUser*

Added in version 4.7.0-339

Description Get details of the working user.

Sample output

```

array (
  'status' => 0,
  'payload' =>
  array (
    'userid' => 464,
    'nickname' => 'Example User',
    'email' => 'user@example.com',
    'ismaster' => true,
    'status' => 'active',
    'language' => 'en-us',
    'theme' => 'calliope',
    'menu_style' => 'big',
    'perms' =>
    array (
      0 => 'MASTER',
    ),
    'ssh_enabled' => '0',
    'ssh_username' => 'example_0',
    'ssh_public_key' => '',
  ),
)

```

Action: *queryEdit***Added in version** 6.0.25-1415**Description** Displays the information available to the action "edit".**Input Parameters**

Name	Type	Notes	Required?
user	string	Example Values user@example.com, second@interworx.com	Yes

Sample output

```
array (
  'status' => 0,
  'payload' =>
  array (
    'user_id' => '464',
    'nickname' => 'Example User',
    'email' => 'user@example.com',
    'language' => 'en-us',
    'menu_style' => 'big',
    'encrypted' => 'n',
    'password' => NULL,
    'confirm_password' => NULL,
    'locked_domains' => NULL,
    'user' => 'user@example.com',
    'password1' => NULL,
    'password2' => NULL,
  ),
)
```

Action: *reroute***Added in version** n/a**Description** Action to re-route from the current controller to a different one.**Action: *win*****Added in version** n/a**Description** Magic function - test for testing success mechanism.