

Guide to WHM API 0

Guide to WHM API 0

Return Data

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summary

applist

createacct

domainuser
data

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listaccts

listsuspend
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Introduction

WHM API 0 accesses the WHM interface's features.

You can use this API to perform server administration tasks, administer cPanel and WHM reseller accounts, and manage cPanel & WHM services.

Accounts

Notes:

- Some WHM API 0 functions and parameters require that the authenticated user has specific privileges. Use the [applist](#) function to return a list of available WHM API 0 functions for the current authenticated user.
- You **cannot** call this API's functions via another API's call methods. For more information, read the [API method distinctions](#) section below.

Warning:

WHM API 0 is **deprecated**. We **strongly** recommend that you **only** use the equivalent [WHM API 1](#) functions instead.

Basic usage

JSON API XML API Command Line

```
https://hostname.example.com:2087/cpses
s#####/json-api/accountssummary?use
r=username
```

WHM API calls through JSON consist of the following basic parts:

Part	Description
------	-------------

WHM API 0 Basics

About WHM API 0

WHM API 0 performs functions and accesses data in WHM.

Warning:
WHM API 0 is **deprecated**. We strongly recommend that you only use the equivalent WHM API 1 functions instead.

Notes:

- Some WHM API 0 functions and parameters require that the authenticated user has specific privileges. Use the [applist](#) function to return a list of available WHM API 0 functions for the current authenticated user.
- You **cannot** call this API's functions via another API's call methods. For more information, read the [API method distinctions](#) section below.

- listips
- setsiteip
- ▼ Mail
 - deliver_mail_queue
 - deliver_messages_mail_queue
 - exim_configuration_check
 - fetch_doc_key
 - purge_mail_queue
 - remove_in_progress_exim_configuration
 - remove_messages_mail_queue
 - unfreeze_messages_mail_queue
 - validate_current_installed_exim_configuration
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- ▼ Packages
 - addpkg
 - changepackage
 - editpkg
 - getfeaturelist
 - killpkg
 - listpkgs
- ▼ Resellers
 - acctcounts
 - getresellers
 - listacts
 - listresellers
 - resellerstats
 - saveaclist
 - setacts
 - setresellerip

<p><i>Server and port</i></p>	<p>The web server's HTTP address and the port number to use. Generally, this value begins with <code>https://</code> and the domain name.</p> <p>When you call this API, use the following ports:</p> <ul style="list-style-type: none"> 2086 — Unsecure calls as a specific WHM account. 2087 — Secure calls as a specific WHM account. <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p>Warning: You cannot call this API via cPanel ports (2082 or 2083) or Webmail ports (2095 or 2096).</p> </div>
<p><i>Security token</i></p>	<p>The current session's security token.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Note: Cookie-based calls (for example, calls from a web browser) require a security token. For other authentication methods, read our Guide to API Authentication documentation.</p> </div>
<p><i>API type</i></p>	<p>The API output type that you wish to receive.</p> <ul style="list-style-type: none"> Use <code>json-api</code> to return JSON-formatted output.
<p><i>Function</i></p>	<p>The WHM API function.</p>

Related Documentation

- Use WHM API to Call cPanel API and UAPI — You can call cPanel API and UAPI functions through the WHM API.
- Guide to the Manage2 API — The Manage2 API automates cPanel license management procedures.

- s
- setresellerlimits
- setresellermainip
- setresellernameservers
- setresellerpackagelimit
- setupreseller
- suspendreseller
- terminatereseller
- unsetupreseller
- unsuspendreseller
- Server
 - Administration
 - configureSERVICE
 - gethostname
 - getlanglist
 - loadavg
 - nvget
 - nvset
 - reboot
 - restartSERVICE
 - servicestatus
 - sethostname
 - SSL
 - fetchsslinfo
 - generatessl
 - installssl
 - listcrts
 - Updates
 - get_available_tiers
 - set_cpanel_updates
 - set_tier
 - version

Input parameters and values

The function's input parameters and their values.

- Separate multiple parameter=value pairs with the ampersand character (&).
- You **must** URI-encode these values.

Note:

The term "Boolean" in our documentation refers to parameters that accept values of 1 or 0. cPanel & WHM's APIs do **not** support the literal values of `true` and `false`.

Important:

cPanel & WHM version 66 **deprecated** XML output for cPanel API 1, cPanel API 2, UAPI, WHM API 0, and WHM API 1.

- Calls for XML API output will return a deprecation warning.
- We plan to remove XML output entirely in a future version of cPanel & WHM.

For more information, read our [cPanel Deprecation Plan](#) documentation.

```
https://hostname.example.com:2087/cpses
s#####/xml-api/accountsummary?user
=username
```

Warning:

This API's XML output does **not** comply with XML standards, is slower than JSON output to produce, and may result in validation errors. We **strongly** recommend that you use JSON.

WHM API calls through XML consist of the following basic parts:

- [Guide to UAPI](#) — UAPI accesses the cPanel interface's features.
- [Guide to WHM API 0](#) — WHM API 0 accesses the WHM interface's features.
- [Guide to cPanel API 2](#) — cPanel API 2 accesses cPanel account information and modifies settings.

Part	Description
<i>Server and port</i>	<p>The web server's HTTP address and the port number to access.</p> <ul style="list-style-type: none"> • Generally, this value begins with <code>https://</code> and the domain name. • For secure calls to the WHM API, the port is always 2087.
<i>Security token</i>	<p>The current session's security token.</p> <div data-bbox="818 726 1183 1215" style="border: 1px solid #f0e68c; padding: 10px; margin-top: 10px;"> <p>Note: Cookie-based calls (for example, calls from a web browser) require a security token. For other authentication methods, read our Guide to API Authentication documentation.</p> </div>
<i>API type</i>	<p>The API output type that you wish to receive.</p> <ul style="list-style-type: none"> • Use <code>xml-api</code> to return XML-formatted output.
<i>Function</i>	<p>The WHM API function.</p>

Input parameters and values

The function's input parameters and their values.

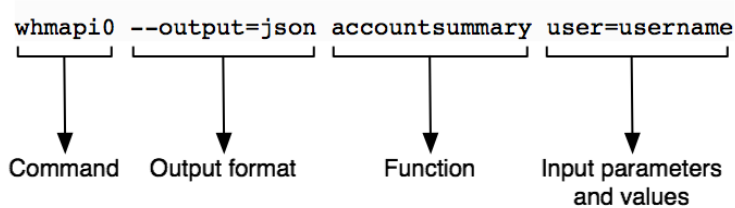
- Separate multiple parameter=value pairs with the ampersand character (&).
- You **must** URI-encode these values.

Note:
The term "Boolean" in our documentation refers to parameters that accept values of 1 or 0. cPanel & WHM's APIs do **not** support the literal values of `true` and `false`.

```
whmapi0 accountsummary user=username
```

Note:
cPanel & WHM introduced the command line feature in version 11.52.0.8.

WHM API calls through the command line consist of the following basic parts:



Part	Description
------	-------------

Command

This value is always `whmapi0` for calls to WHM API 0.

Note:

If you run CloudLinux™, you **must** use the full path of the `whmapi0` command:

```
/usr/local/panel/bin/whmapi0
```

<i>Output Type</i>	<p>The API output type that you wish to receive.</p> <ul style="list-style-type: none">• Use <code>--output=json</code> to return JSON-formatted output.• Use <code>--output=jsonpretty</code> to return indented JSON-formatted output.• Use <code>--output=xml</code> to return XML-formatted output. <div data-bbox="862 638 1183 884" style="border: 1px solid red; padding: 5px;"><p>Important: cPanel & WHM version 66 depre cated XML output.</p></div> <ul style="list-style-type: none">• Use <code>--output=yaml</code> to return YAML-formatted output. <div data-bbox="818 1058 1183 1268" style="border: 1px solid orange; padding: 5px;"><p>Note: This parameter defaults to <code>--output</code> <code>=yaml</code>.</p></div>
<i>Function</i>	The WHM API function.

Input parameters and values

The function's input parameters and their values.

- Separate multiple parameter=value pairs with a space character.
- You **must** [URI-encode](#) these values.
- Special characters within a key's value may cause an error. You **must** either escape any special characters within values or surround the value with appropriate quotes. For more information, read Wikipedia's [Escape Characters](#) article.

For example, a bash shell command with a JSON-encoded value may appear similar to one of the following:

- ```
whmapi0 function
key=[\"sslinstall\", \"videotut\"]
```
- ```
whmapi0 function
key='{\"videotut\", \"sslinstall\"}'
```

Note:

The term "Boolean" in our documentation refers to parameters that accept values of 1 or 0. cPanel & WHM's APIs do **not** support the literal values of `true` and `false`.

Note:

For more information about this feature, run the following command:

```
whmapi0 --help
```

Warning:

Do **not** attempt to use cPanel or WHM interface URLs to perform actions in custom code. You **must** call the appropriate API functions in order to perform the actions of cPanel & WHM's interfaces.

For example, do **not** pass values to `.html` pages, as in the following example:

```
http://example.com:2082/frontend/
x3/mail/doaddpop.html/email=name&
domain=user.com
```

While this **unsupported** method sometimes worked in previous versions of cPanel & WHM, we **strongly** discourage its use and do **not** guarantee that it will work in the future. Instead, the correct method to perform this action is to call the appropriate API function.

API method distinctions

cPanel, L.L.C. produces four current and two deprecated APIs, and they all include separate sets of functions. Make **certain** that the function and module that you call exist in the API version that your code uses.

Important:

API calls **must** use the correct port:

- 2082 — Unsecure calls to cPanel's APIs.
- 2083 — Secure calls to cPanel's APIs.
- 2095 — Unsecure calls to cPanel's APIs via a Webmail session.
- 2096 — Secure calls to cPanel's APIs via a Webmail session.
- 2086 — Unsecure calls to WHM's APIs, or to cPanel's APIs via the WHM API.
- 2087 — Secure calls to WHM's APIs, or to cPanel's APIs via the WHM API.

Otherwise-correct calls will return `Permission denied` or `Function not found` errors if they use an incorrect port number.

Select a tab to view examples of calls to the desired API:

WHM API 1 UAPI cPanel API 2 WHM API 0 (deprecated)
cPanel API 1 (deprecated)

▼ [Browser-based call...](#)

```
https://hostname.example.com:2087/cps
ess#####/json-api/accountssummary
?api.version=1&user=username
```

Note:

Browser-based calls to WHM API 1 **must** include the WHM API version (api.version=1). If you omit the version, the system calls WHM API 0, which may not contain the desired function, or may contain an older version of that function.

▼ [Command-line call...](#)

```
whmapi1 accountssummary user=username
```

For more information, read our [Guide to Testing Custom Code - WHM API Calls](#) and [Guide to WHM API 1](#) documentation.

▼ [cPanel or Webmail session URL call...](#)

```
https://hostname.example.com:2083/cps
ess#####/execute/Module/function
?parameter=value&parameter=value&para
meter=value
```

▼ [Command-line call...](#)

```
uapi --user=username --output=type
Module function parameter=value
parameter=value
```

▼ [LiveAPI PHP Class call...](#)

```
$cpanel = new CPANEL(); // Connect to
cPanel - only do this once.

// Call a UAPI function.
$function_result = $cpanel->uapi(
    'Module', 'function',
    array(
        'parameter' => 'value',
        'parameter' => 'value',
        'parameter' => 'value',
    )
);
```

▼ [LiveAPI Perl Module call...](#)

```

my $cpliveapi =
Cpanel::LiveAPI->new(); # Connect to
cPanel - only do this once.

# Call a UAPI function.
my $function_result =
$cpliveapi->uapi(
    'Module', 'function',
    {
        'parameter' => 'value',
        'parameter' => 'value',
        'parameter' => 'value',
    }
);

```

▼ Template Toolkit call...

```

<!-- Call a UAPI function. -->
[%
execute(
    'Module', 'function',
    {
        'parameter' => 'value',
        'parameter' => 'value',
        'parameter' => 'value',
    }
);
%]

```

Note:

For more information, read our [Guide to Testing Custom Code - cPanel API and UAPI Calls](#) and [Guide to UAPI documentation](#).

▼ Call through the WHM API...

```

https://hostname.example.com:2087/cps
ess#####/json-api/cpanel?cpanel_
jsonapi_user=user&cpanel_jsonapi_apiv
ersion=2&cpanel_jsonapi_module=Module
&cpanel_jsonapi_func=function&paramet
er="value"

```

▼ Command-line call...

```

cpapi2 --user=username --output=type
Module function parameter=value
parameter=value

```

▼ Template Toolkit call...

```
<!-- Call a cPanel API 2 function.
-->
[%-
USE Api2;
SET myvariable = execute(
    'Module', 'function',
    {
        'parameter'    => 'value',
        'parameter'    => 'value',
        'parameter'    => 'value',
    }
);
%]
```

▼ LiveAPI PHP Class call...

```
$cpanel = new CPANEL(); // Connect to
cPanel - only do this once.

// Call the function.
$my_variable = $cpanel->api2(
    'Module', 'function',
    array(
        'parameter'    => 'value',
        'parameter'    => 'value',
        'parameter'    => 'value',
    )
);
```

▼ LiveAPI Perl Module call...

```
my $cpliveapi =
Cpanel::LiveAPI->new(); # Connect to
cPanel - only do this once.

# Call the function.
my $my_variable = $cpliveapi->api2(
    'Module', 'function',
    {
        'parameter'    => 'value',
        'parameter'    => 'value',
        'parameter'    => 'value',
    }
);
```

Note:

For more information, read our [Guide to Testing Custom Code - cPanel API](#)

and UAPI Calls and Guide to cPanel API 2 documentation.

Warning:

WHM API 0 is **deprecated**. We **strongly** recommend that you **only** use the equivalent WHM API 1 functions instead.

▼ Browser-based call...

```
https://hostname.example.com:2087/cps  
ess#####/json-api/accountssummary  
?user=username
```

▼ Command-line call...

```
whmapi0 accountssummary user=username
```

Note:

For more information, read our [Guide to Testing Custom Code - WHM API Calls](#) and [Guide to WHM API 0 documentation](#).

Warning:

cPanel API 1 is **deprecated**. We **strongly** recommend that you use cPanel API 2 or UAPI instead.

▼ Command-line call...

```
cpapil --user=username --output=type  
Module function parameter=value  
parameter=value
```

▼ LiveAPI PHP Class call...

```
$cpanel = new CPANEL(); // Connect to  
cPanel - only do this once.  
$your_variable =  
$cpanel->apil('Module', 'function',  
array('parameter', 'parameter',  
'parameter') ); // Call the function.
```

▼ LiveAPI Perl Module call...

```
my $cpliveapi =  
Cpanel::LiveAPI->new(); # Connect to  
cPanel - only do this once.  
my $your_variable =  
$cpliveapi->apil('Module',  
'function', ['parameter',  
'parameter', 'parameter'] ); # Call  
the function.
```

▼ Template Toolkit call...

```
<!-- Call a cPanel API 1 function.  
-->  
[%-  
USE Apil;  
SET myvariable = execute(  
    'Module', 'function',  
    {  
        'parameter'    => 'value',  
        'parameter'    => 'value',  
        'parameter'    => 'value',  
    }  
);  
%]
```

Note:

For more information, read our [Guide to Testing Custom Code - cPanel API and UAPI Calls](#) and [Guide to cPanel API 1 documentation](#).