

# Guide to WHM API 1

## Guide to WHM API 1

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- restore\_queue\_clear\_pending\_task
- restore\_queue\_is\_active
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- restore\_queue\_list\_completed
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## Introduction

WHM API 1 accesses the WHM interface's features. You can use this API to perform server administration tasks, administrate cPanel and WHM reseller accounts, and manage cPanel & WHM services.

### Important:

In cPanel & WHM version 76, we introduced server profiles and roles. When you enable a non-*Standard Node* server profile, the system **disables** API calls associated with that profile's disabled roles.

### Notes:

- Use the `applist` command to return an alphabetical list of WHM API 1 functions.
- You **cannot** call this API's functions via another API's call methods. For more information, read the [API method distinctions](#) section below.

## Basic usage

JSON API XML API Command Line

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

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

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

## WHM API 1 Basics

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

### Notes:

- Scro
- us
- Yc
- mi
- us
- 20
- or
- 20
- )tc

## Related Documentation

ue\_list\_pending  
 restore\_queue\_state  
 restoreaccount  
 verify\_new\_username\_for\_restore

▼ Accounts

accountsummary  
 applist  
 createacct  
 domainuserdata  
 editquota  
 forcepasswordchange  
 get\_disk\_usage  
 get\_domain\_info  
 getdomainowner  
 has\_digest\_auth  
 has\_my.cnf\_for\_cpuser  
 limitbw  
 list\_users  
 listaccts  
 listlockedaccounts  
 listsuspended  
 modifyacct  
 myprivs  
 passwd  
 quota\_enabled  
 removeacct  
 set\_digest\_auth  
 showbw  
 suspendacct  
 unsuspendacct  
 untrack\_acct

<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"> <li>2086 — Unsecure calls as a specific WHM account.</li> <li>2087 — Secure calls as a specific WHM account.</li> </ul> <div data-bbox="818 695 1182 989" style="border: 1px solid red; padding: 5px;"> <p><b>Warning:</b>        You <b>cannot</b> call this API via cPanel ports (2082 or 2083) or We bmail ports (2095 or 2096).</p> </div>
<p><i>Security token</i></p>	<p>The current session's <a href="#">security token</a>.</p> <div data-bbox="818 1150 1182 1640" style="border: 1px solid orange; padding: 5px;"> <p><b>Note:</b>        Cookie-based calls (for example, calls from a web browser) require a security token. For other authentication methods, read our <a href="#">Guide to API Authentication</a> documentation.</p> </div>
<p><i>API type</i></p>	<p>The API output type that you wish to receive. Use <code>json-api</code> to return JSON-formatted output.</p>
<p><i>Function</i></p>	<p>The WHM API function.</p>

- WHM API 1 Functions - list\_config\_cluster\_servers — This function lists the servers in the server's configuration cluster.
- WHM API 1 Functions - update\_config\_clusterver — This function updates the username or remote access key for a cluster server.

- \_id
- verify\_new\_username
- ▼ Addon Domains
  - convert\_addon\_fetch\_conversion\_details
  - convert\_addon\_fetch\_main\_details
  - convert\_addon\_get\_conversion\_status
  - convert\_addon\_initiate\_conversion
  - convert\_addon\_list\_domains
  - convert\_addon\_list\_conversions
- ▼ Authentication
  - api\_token\_create
  - api\_token\_list
  - api\_token\_revoke
  - api\_token\_update
  - disable\_authentication\_provider
  - disable\_failing\_authentication\_providers
  - enable\_authentication\_provider
  - get\_available\_authentication\_providers
  - get\_login\_url
  - get\_provider\_client\_configurations
  - get\_provider\_configuration\_fields
  - get\_provider\_display\_code

<i>API version</i>	<p>The API version to use. To call WHM API 1, set the <code>api.version</code> parameter to 1.</p> <div style="border: 1px solid red; padding: 10px; margin-top: 10px;"> <p><b>Important:</b> If you do not include the API version, the call will default to WHM API 0.</p> </div>
<i>Input parameters and values</i>	<p>The function's input parameters and their values.</p> <ul style="list-style-type: none"> <li>You <b>must</b> <a href="#">URI-encode</a> these values.</li> <li>Separate multiple parameter=value pairs with the ampersand character (&amp;).</li> </ul> <div style="border: 1px solid orange; padding: 10px; margin-top: 10px;"> <p><b>Note:</b> The term "Boolean" in our documentation refers to parameters that accept values of 1 or 0. cPanel &amp; WHM's APIs do <b>not</b> support the literal values of <code>true</code> and <code>false</code>.</p> </div>

**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.

- WHM API 1 Functions - delete\_configmaster\_server — This function removes a server from a configuration cluster.
- WHM API 1 Functions - add\_configcluster\_server — This function adds a server to a configuration cluster.

configurations

get\_users\_authn\_linked\_accounts

link\_user\_authn\_provider

set\_provider\_client\_configurations

set\_provider\_display\_configurations

twofactorauth\_disable\_policy

twofactorauth\_enable\_policy

twofactorauth\_generate\_tfa\_config

twofactorauth\_get\_issuer

twofactorauth\_get\_user\_configs

twofactorauth\_policy\_status

twofactorauth\_remove\_user\_config

twofactorauth\_set\_issuer

twofactorauth\_set\_tfa\_config

unlink\_user\_authn\_provider

validate\_login\_token

Backups

backup\_config\_get

backup\_config\_set

backup\_data\_list

backup\_destination\_add

backup\_destination\_delete

```
https://hostname.example.com:2087/cpses
s#####/xml-api/accountsummary?api.
version=1&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:

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"> <li>Generally, this value begins with <code>https://</code> and the domain name.</li> <li>For secure calls to the WHM API, the port is always 2087.</li> </ul>
<i>Security token</i>	<p>The current session's <a href="#">security token</a>.</p> <div style="border: 1px solid #f0e68c; padding: 10px; margin-top: 10px;"> <p><b>Note:</b> Cookie-based calls (for example, calls from a web browser) require a security token. For other authentication methods, read our <a href="#">Guide to API Authentication</a> documentation.</p> </div>
<i>API type</i>	<p>The API output type that you wish to receive. Use <code>xml-api</code> to return XML-formatted output.</p>

- WHM API 1 Functions - abort\_transfer\_session — This function aborts an active transfer session.

backup\_destination\_get  
 backup\_destination\_list  
 backup\_destination\_set  
 backup\_destination\_validate  
 backup\_get\_transport\_status  
 backup\_list\_transported  
 backup\_set\_list  
 backup\_set\_list\_combined  
 backup\_skip\_users\_all  
 backup\_skip\_users\_all\_status  
 backup\_user\_list  
 convert\_and\_migrate\_from\_legacy\_config  
 get\_users\_with\_backup\_metadata  
 list\_cparchive\_files  
 start\_background\_package  
 toggle\_user\_backup\_status  
 cPHulk  
 cphulk\_statuses  
 create\_cphulk\_record  
 delete\_cphulk\_record  
 disable\_cphulk  
 enable\_cphulk  
 flush\_cphulk\_login\_history

<i>Function</i>	The WHM API function.
<i>API version</i>	The API version to use. To call WHM API 1, set the <code>api.version</code> parameter to 1. <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p><b>Important:</b> If you do not include the API version, the call will default to WHM API 0.</p> </div>
<i>Input parameters and values</i>	The function's input parameters and their values. <ul style="list-style-type: none"> <li>• Separate multiple parameter=value pairs with the ampersand character (&amp;).</li> <li>• You <b>must</b> URI-encode these values.</li> </ul> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> The term "Boolean" in our documentation refers to parameters that accept values of 1 or 0. cPanel &amp; WHM's APIs do <b>not</b> support the literal values of <code>true</code> and <code>false</code>.</p> </div>

```
whmapil accountsummary user=username
```

**Notes:**

- cPanel & WHM introduced the command line feature in version 11.52.0.8.
- WHM API 1 calls via the command line do **not** return the metadata that other methods return if they experience errors that prevent a successful function run. For more information, read our [WHM API 1](#)

flush\_cphulk\_login\_history\_for\_ips

get\_countries\_with\_known\_ip\_ranges

get\_cphulk\_brutes

get\_cphulk\_excessive\_brutes

get\_cphulk\_failed\_logins

get\_cphulk\_user\_brutes

load\_cphulk\_config

read\_cphulk\_records

save\_cphulk\_config

set\_cphulk\_config\_key

▼ Databases

background\_mysql\_upgrade\_status

current\_mysql\_version

installable\_mysql\_versions

latest\_available\_mysql\_version

list\_database\_users

list\_databases

list\_mysql\_databases\_and\_users

remote\_mysql\_create\_profile

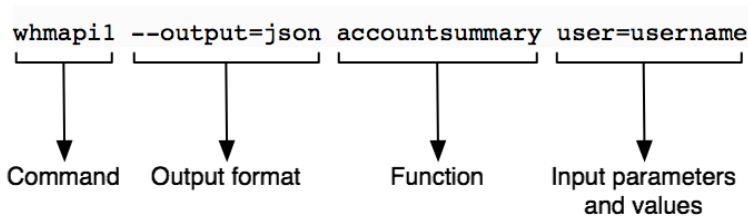
remote\_mysql\_create\_profile\_via\_ssh

remote\_mysql\_delete\_profile

remote\_mysql\_initiate\_profile\_activation

- Return Data documentation.

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



Part	Description
<i>Command</i>	<p>This value is always <code>whmapil</code> for calls to WHM API 1.</p> <div style="border: 1px solid #f0e68c; padding: 10px; margin-top: 10px;"> <p><b>Note:</b> If you run CloudLinux™, you <b>must</b> use the full path of the <code>whmapil</code> command:</p> <pre style="border: 1px dashed #add8e6; padding: 5px; text-align: center;">/usr/local/cpanel/bin/whmapil</pre> </div>

ion

remote\_mysql\_monitor\_profile\_activation

remote\_mysql\_read\_profile

remote\_mysql\_read\_profiles

remote\_mysql\_update\_profile

remote\_mysql\_validate\_profile

rename\_mysql\_database

rename\_mysql\_user

rename\_postgresql\_database

rename\_postgresql\_user

set\_local\_mysql\_root\_password

set\_mysql\_password

set\_postgresql\_password

start\_background\_mysql\_upgrade

▼ DNS

addns

addzonerecord

addzonerecord (Reverse DNS)

dumpzone

editzonerecord

get\_nameserver\_config

getzonerecord

has\_local\_authority

<p><i>Output Type</i></p>	<p>The API output type that you wish to receive.</p> <ul style="list-style-type: none"> <li>Use <code>--output=json</code> to return JSON-formatted output.</li> <li>Use <code>--output=jsonpretty</code> to return indented JSON-formatted output.</li> <li>Use <code>--output=xml</code> to return XML-formatted output.</li> </ul> <div data-bbox="862 638 1183 884" style="border: 1px solid red; padding: 5px; margin: 10px 0;"> <p><b>Important:</b> cPanel &amp; WHM version 66 <b>depre</b> <b>cated</b> XML output.</p> </div> <ul style="list-style-type: none"> <li>Use <code>--output=yaml</code> to return YAML-formatted output.</li> </ul> <div data-bbox="818 1058 1183 1268" style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p><b>Note:</b> This parameter defaults to <code>--output=yaml</code>.</p> </div>
<p><i>Function</i></p>	<p>The WHM API function.</p>

killdns  
listmxs  
listzones  
lookupnsip  
lookupnsips  
removezone  
record  
resetzone  
resolvedom  
ainname  
savemxs  
setresolvers  
update\_nam  
eservers\_co  
nfig

▼ EasyApache

ea4\_get\_cur  
rently\_install  
ed\_packages  
  
ea4\_get\_ea  
\_pkgs\_state  
  
ea4\_list\_pro  
files  
  
ea4\_metainf  
o  
  
ea4\_migrati  
on  
  
ea4\_pre\_mi  
grate\_check  
  
ea4\_recom  
mendations  
  
ea4\_save\_p  
rofile  
  
ea4\_tomcat  
85\_add  
  
ea4\_tomcat  
85\_list  
  
ea4\_tomcat  
85\_rem

▼ Greylisting

cpgreylist\_is  
\_server\_net  
block\_truste  
d  
  
cpgreylist\_li  
st\_entries\_f  
or\_common  
\_mail\_provid  
er  
  
cpgreylist\_lo  
ad\_common  
\_mail\_provid

### *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 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:

- `whmapil function key=[\"sslinstall\", \"videotut\"]`
- `whmapil 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`.



ers\_config  
cpgreylist\_s  
ave\_commo  
n\_mail\_provi  
ders\_config  
cpgreylist\_st  
atus  
cpgreylist\_tr  
ust\_entries\_  
for\_common  
\_mail\_provid  
er  
cpgreylist\_u  
ntrust\_entrie  
s\_for\_comm  
on\_mail\_pro  
vider  
create\_cpgr  
eylist\_truste  
d\_host  
delete\_cpgr  
eylist\_truste  
d\_host  
disable\_cpgr  
eylist  
enable\_cpgr  
eylist  
load\_cpgreyl  
ist\_config  
read\_cpgrey  
list\_deferred  
\_entries  
read\_cpgrey  
list\_trusted\_  
host  
save\_cpgrey  
list\_config  
▼ Integration  
batch  
cpanel  
create\_integ  
ration\_group  
create\_integ  
ration\_link  
get\_integrati  
on\_link\_user  
\_config  
list\_integrati  
on\_groups  
list\_integrati  
on\_links  
remove\_inte  
gration\_grou  
p  
remove\_inte

**Note:**

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

```
whmapil --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
```

gration\_link

update\_inte  
gration\_link  
\_token

▼ IP Addresses

addips

delip

get\_public\_i  
p

get\_shared\_  
ip

ipv6\_disable  
\_account

ipv6\_enable  
\_account

ipv6\_range\_  
add

ipv6\_range\_  
edit

ipv6\_range\_  
list

ipv6\_range\_  
remove

ipv6\_range\_  
usage

listips

nat\_checkip

nat\_set\_pub  
lic\_ip

setsiteip

▼ Mail

disable\_dki  
m

disable\_mail  
\_sni

emailtrack\_s  
earch

emailtrack\_s  
tats

emailtrack\_u  
ser\_stats

enable\_dkim

enable\_mail  
\_sni

ensure\_dki  
m\_keys\_exi  
st

exim\_config  
uration\_che  
ck

expunge\_m

**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...

```
whmapil 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...

ailbox\_messages  
expunge\_messages\_for\_mailbox\_guid  
fetch\_dkim\_private\_keys  
fetch\_mail\_queue  
generate\_mobileconfig  
get\_mailbox\_status  
get\_mailbox\_status\_list  
get\_unique\_recipient\_count\_per\_sender\_for\_user  
get\_unique\_sender\_recipient\_count\_per\_user  
get\_user\_email\_forward\_destination  
hold\_outgoing\_email  
install\_dkim\_private\_keys  
install\_spf\_records  
is\_sni\_supported  
list\_pops\_for\_mail\_sni\_status  
rebuild\_mail\_sni\_config  
release\_outgoing\_email  
save\_spamd\_config  
set\_user\_email\_forward\_destination  
suspend\_outgoing\_email  
unsuspend\_outgoing\_email

```
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/cp  
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
```

validate\_cur  
rent\_installe  
d\_exim\_conf  
ig

validate\_cur  
rent\_dkims

validate\_cur  
rent\_ptrs

validate\_cur  
rent\_spfs

validate\_exi  
m\_configura  
tion\_syntax

#### Market

disable\_mar  
ket\_provider

enable\_mar  
ket\_provider

get\_adjuste  
d\_market\_pr  
oviders\_pro  
ducts

get\_market\_  
providers\_c  
ommission\_  
config

get\_market\_  
providers\_lis  
t

get\_market\_  
providers\_pr  
oduct\_meta  
data

get\_market\_  
providers\_pr  
oducts

set\_market\_  
product\_attri  
bute

set\_market\_  
provider\_co  
mmission\_id

#### ModSecurity™

modsec\_ad  
d\_rule

modsec\_ad  
d\_vendor

modsec\_ass  
emble\_conf  
ig\_text

modsec\_bat  
ch\_settings

modsec\_che  
ck\_rule

modsec\_clo  
ne\_rule

#### 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](#)

modsec\_deploy\_all\_rule\_changes  
modsec\_deploy\_rule\_changes  
modsec\_deploy\_settings\_changes  
modsec\_disable\_rule  
modsec\_disable\_vendor  
modsec\_disable\_vendor\_configs  
modsec\_disable\_vendor\_updates  
modsec\_discard\_all\_rule\_changes  
modsec\_discard\_rule\_changes  
modsec\_edit\_rule  
modsec\_enable\_vendor  
modsec\_enable\_vendor\_configs  
modsec\_enable\_vendor\_updates  
modsec\_get\_config\_text  
modsec\_get\_configs  
modsec\_get\_configs\_with\_changes\_pending  
modsec\_get\_log  
modsec\_get\_rules  
modsec\_get\_settings  
modsec\_get\_vendors  
modsec\_is\_installed  
modsec\_make\_config\_active

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/cpess#####/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...

modsec\_ma  
ke\_config\_in  
active

modsec\_pre  
view\_vendor

modsec\_re  
move\_rule

modsec\_re  
move\_settin  
g

modsec\_re  
move\_vend  
or

modsec\_rep  
ort\_rule

modsec\_set  
\_config\_text

modsec\_set  
\_setting

modsec\_un  
disable\_rule

modsec\_up  
date\_vendor

▼ Packages

\_getpkgexte  
nsionform

add\_overrid  
e\_features\_f  
or\_user

addpkg

addpkgext

changepack  
age

create\_featu  
relist

delete\_featu  
relist

delpkgext

editpkg

get\_availabl  
e\_applicatio  
ns

get\_availabl  
e\_featurelist  
s

get\_feature\_  
metadata

get\_feature\_  
names

get\_featureli  
st\_data

get\_featureli

```
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](#).

sts

get\_users\_f  
eatures\_sett  
ings

getfeaturelis  
t

getpkginfo

killpkg

listpkgs

manage\_fea  
tures

matchpkgs

read\_feature  
list

remove\_ove  
rride\_feature  
s\_for\_user

update\_feat  
urelist

verify\_user\_  
has\_feature

▼ PHP

convert\_all\_  
domains\_to  
\_fpm

get\_fpm\_co  
unt\_and\_util  
ization

is\_conversio  
n\_in\_progre  
ss

php\_get\_def  
ault\_accoun  
ts\_to\_fpm

php\_get\_ha  
ndlers

php\_get\_im  
pacted\_dom  
ains

php\_get\_ins  
talled\_versio  
ns

php\_get\_old  
\_fpm\_flag

php\_get\_sys  
tem\_default  
\_version

php\_get\_vh  
osts\_by\_ver  
sion

php\_get\_vh  
ost\_versions

php\_ini\_get  
\_content

php\_ini\_get  
\_directives

php\_ini\_set  
\_content

php\_ini\_set  
\_directives

php\_set\_def  
ault\_accoun  
ts\_to\_fpm

php\_set\_ha  
ndler

php\_set\_old  
\_fpm\_flag

php\_set\_ses  
sion\_save\_p  
ath

php\_set\_sys  
tem\_default  
\_version

php\_set\_vh  
ost\_versions

▼ Resellers

acctcounts

get\_public\_c  
ontact

getresellerip  
s

listacIs

listresellers

resellerstats

saveacllist

set\_public\_c  
ontact

setacIs

setresellerip  
s

setresellerli  
mits

setresellerm  
ainip

setresellern  
ameservers

setresellerp  
ackagelimit

setupreselle  
r

suspendres  
eller

terminateres  
eller

unsetuprese



ller

unsuspendr  
eseller

▼ RPM

delete\_rpm\_  
version

edit\_rpm\_ve  
rsion

get\_rpm\_ver  
sion\_data

install\_rpm\_  
plugin

list\_rpms

package\_m  
anager\_fixc  
ache

package\_m  
anager\_get\_  
build\_log

package\_m  
anager\_get\_  
package\_inf  
o

package\_m  
anager\_is\_p  
erforming\_a  
ctions

package\_m  
anager\_list\_  
packages

package\_m  
anager\_reso  
lve\_actions

package\_m  
anager\_sub  
mit\_actions

package\_m  
anager\_upgr  
ade

uninstall\_rp  
m\_plugin

▼ Script Hooks

delete\_hook

edit\_hook

list\_hooks

reorder\_hoo  
ks

▼ Security

accesshash

authorizessh  
key

check\_remo  
te\_ssh\_conn  
ection

convertopen  
sshtoputty

deletesshke  
y

fetch\_securi  
ty\_advice

generatessh  
keypair

importsshke  
y

listsshkeys

▼ Server

Administration

add\_configcl  
usterserver

configureba  
ckgroundpro  
cesskiller

configureser  
vice

cors\_proxy\_  
get

create\_user  
\_session

delete\_confi  
gclusterserv  
er

enable\_mon  
itor\_all\_ena  
bled\_service  
s

get\_all\_cont  
act\_importa  
nces

get\_appconf  
ig\_applicatio  
n\_list

get\_applicati  
on\_contact\_  
event\_import  
tance

get\_applicati  
on\_contact\_  
importance

get\_availabl  
e\_profiles

get\_current\_  
profile

get\_passwor  
d\_strength

get\_remote\_  
access\_has  
h

get\_service\_  
config

get\_service\_  
config\_key

get\_tcp4\_so  
ckets

get\_tcp6\_so  
ckets

get\_tweakse  
tting

get\_udp4\_s  
ockets

get\_udp6\_s  
ockets

get\_update\_  
availability

get\_users\_li  
nks

getdiskusag  
e

gethostname

is\_role\_ena  
bled

list\_configcl  
usterservers

loadavg

nvget

nvset

personalizati  
on\_get

personalizati  
on\_set

purchase\_a  
\_license

reboot

remove\_in\_  
progress\_ex  
im\_config\_e  
dit

restartservic  
e

restore\_conf  
ig\_from\_file

restore\_conf  
ig\_from\_upl  
oad

run\_cpkeyclt

send\_test\_p  
osturl

send\_test\_p  
ushbullet\_n  
ote

servicestatu

s

set\_applicati  
on\_contact\_  
event\_imp  
ortance

set\_applicati  
on\_contact\_  
importance

set\_primary  
\_servernam  
e

set\_service\_  
config\_key

set\_tweakse  
tting

sethostname

setminimum  
passwordstr  
engths

start\_profile  
\_activation

system\_nee  
ds\_reboot

systemloada  
vg

update\_conf  
igclusterserv  
er

update\_cont  
act\_email

verify\_aim\_a  
ccess

verify\_icq\_a  
ccess

verify\_oscar  
\_access

verify\_postu  
rl\_access

verify\_pushb  
ullet\_access

▼ SSL

disable\_aut  
ossl

fetch\_servic  
e\_ssl\_comp  
onents

fetch\_ssl\_ce  
rtificates\_for  
\_fqdns

fetch\_ssl\_vh  
osts

fetch\_vhost  
\_ssl\_compo  
nents

fetchcrtinfo  
fetchsslinfo  
generatessl  
get\_autossl  
\_check\_schedule  
get\_autossl  
\_log  
get\_autossl  
\_logs\_catalog  
get\_autossl  
\_metadata  
get\_autossl  
\_pending\_queue  
get\_autossl  
\_pending\_queue\_for\_domain  
get\_autossl  
\_pending\_queue\_for\_user  
get\_autossl  
\_problems\_for\_domain  
get\_autossl  
\_problems\_for\_user  
get\_autossl  
\_providers  
get\_best\_ssl  
domain\_for\_service  
install\_service\_ssl\_certificate  
installssl  
listcrts  
rebuildinstall  
edssldb  
rebuildusers  
sldb  
reset\_autossl\_provider  
reset\_service\_ssl\_certificate  
set\_autossl\_metadata  
set\_autossl\_metadata\_key

set\_autossl\_  
provider

start\_autossl\_  
check\_for\_  
all\_users

start\_autossl\_  
check\_for\_  
one\_user

▼ Styles and Themes

generate\_cp  
anel\_plugin

list\_styles

load\_style

remove\_log  
o

remove\_styl  
e

save\_style

set\_default

▼ Support Tickets

ticket\_creat  
e\_stub\_ticke  
t

ticket\_get\_s  
upport\_agre  
ement

ticket\_get\_s  
upport\_info

ticket\_grant

ticket\_list

ticket\_remov  
e\_closed

ticket\_revok  
e

ticket\_ssh\_t  
est

ticket\_ssh\_t  
est\_start

ticket\_updat  
e\_service\_a  
greement\_a  
pproval

ticket\_valida  
te\_oauth2\_c  
ode

ticket\_whitel  
ist\_check

ticket\_whitel  
ist\_setup

ticket\_whitel  
ist\_unsetup

▼ Transfers

abort\_transf  
er\_session

analyze\_tra  
nsfer\_sessio  
n\_remote

available\_tr  
ansfer\_mod  
ules

create\_remo  
te\_root\_tran  
sfer\_session

create\_remo  
te\_user\_tran  
sfer\_session

delete\_accou  
nt\_archives

enqueue\_tra  
nsfer\_item

fetch\_transf  
er\_session\_l  
og

get\_transfer  
\_session\_st  
ate

pause\_trans  
fer\_session

remote\_basi  
c\_credential  
\_check

retrieve\_tran  
sfer\_session  
\_remote\_an  
alysis

start\_transfe  
r\_session

transfer\_mo  
dule\_schem  
a

validate\_sys  
tem\_user

▼ Updates

accept\_eula

get\_availabl  
e\_tiers

get\_current\_  
lts\_expiratio  
n\_status

get\_lts\_wex  
pire

getlongterm  
support

installed\_ver  
sions

set\_cpanel\_  
updates

set\_tier

update\_upd  
ateconf

version