

# Guide to UAPI

## Guide to UAPI

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## Introduction

UAPI accesses the cPanel interface's features. Use this API to access and modify cPanel account data and settings.

### 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:

- If you encounter problems with a local access method (LiveAPI PHP, LiveAPI Perl, or Template Toolkit), attempt a [browser-based call](#).
- 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

cPanel or Webmail Session URLLiveAPI PHP ClassLiveAPI Perl Module  
cPanel Template ToolkitCommand Line

```
/execute/Module/function?parameter=value  
&parameter=value&parameter=value
```

```
$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',  
    )  
);
```

### Note:

For more information, read our [Guide to the LiveAPI System](#).

## UAPI Basics

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

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- Branding:: image
- Branding:: include
- Branding:: spritelist
- CacheBuster
  - CacheBuster:: read
  - CacheBuster:: update
- Chkserverd
  - Chkserverd:: get\_exim\_ports
  - Chkserverd:: get\_exim\_ports\_ssl
- Chrome
  - Chrome:: get\_dom
- Contactus
  - Contactus:: is\_enabled
- cPAddons
  - cPAddons:: get\_available\_addons
  - cPAddons:: get\_instance\_settings
  - cPAddons:: list\_addon\_instances
- cPGreyList
  - cPGreyList:: disable\_all\_domains
  - cPGreyList:: disable\_domains
  - cPGreyList:: enable\_all\_domains
  - cPGreyList:: enable\_domains
  - cPGreyList:: has\_reylisting\_enabled
  - cPGreyList:: list\_domains
- DAV
  - DAV:: disable\_shared\_global\_addressbook
  - DAV:: enable\_shared\_global\_addressbook
  - DAV:: get\_calendar\_contacts\_config
  - DAV:: has\_shared\_global\_addressbook
  - DAV:: is\_dav\_service\_enabled

```

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',
    }
);

```

**Note:**  
For more information, read our [Guide to the LiveAPI System](#).

```

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

```

**Note:**  
For more information, read our [Guide to Template Toolkit documentation](#).

```

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

```

**Notes:**

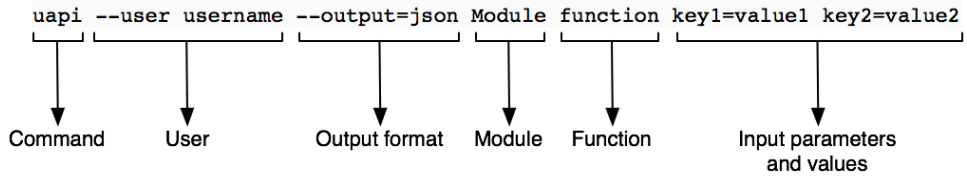
- UAPI calls via the command line do **not** return the metadata that other methods return if they experience errors that prevent a successful function run. For more information, read our [Guide to UAPI - Return Data](#) documentation.
- cPanel & WHM introduced the command line feature in version 56.

UAPI calls through the command line consist of the following basic parts:

## 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.

- DAV:: is\_horde\_enabled
- ▼ DCV
  - DCV:: check\_domains\_via\_dns
  - DCV:: check\_domains\_via\_http
  - DCV:: ensure\_domains\_can\_pass\_dcv
- ▼ DomainInfo
  - DomainInfo:: domains\_data
  - DomainInfo:: list\_domains
  - DomainInfo:: main\_domain\_builtin\_subdomain\_aliases
  - DomainInfo:: single\_domain\_data
- ▼ DNS
  - DNS:: ensure\_domains\_reside\_only\_locally
  - DNS:: has\_local\_authority
- ▼ DNSSEC
  - DNSSEC:: disable\_dnssec
  - DNSSEC:: enable\_dnssec
  - DNSSEC:: fetch\_dns\_records
  - DNSSEC:: set\_nsec3
  - DNSSEC:: unset\_nsec3
- ▼ Email
  - Email:: account\_name
  - Email:: add\_auto\_responder
  - Email:: add\_domain\_forwarder
  - Email:: add\_forwarder
  - Email:: add\_list
  - Email:: add\_mailman\_delegates
  - Email:: add\_mx
  - Email:: add\_pop
  - Email:: add\_spam\_filter



Part	Description
<i>Command</i>	<p>This value is always <code>uapi</code> for calls to UAPI.</p> <div style="border: 1px solid orange; padding: 10px; margin: 10px 0;"> <p><b>Note:</b> If you run CloudLinux™, you <b>must</b> use the full path of the <code>uapi</code> command:</p> <pre style="border: 1px dashed blue; padding: 5px; display: inline-block;">/usr/local/cpanel/bin/uapi</pre> </div>
<i>User</i>	The account-level username.

- 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.

Email:: browse\_mailbox

Email:: change\_mx

Email:: check\_fastmail

Email:: check\_pipe\_forwarder

Email:: delete\_auto\_responder

Email:: delete\_domain\_forwarder

Email:: delete\_filter

Email:: delete\_forwarder

Email:: delete\_help\_messages

Email:: delete\_list

Email:: delete\_mx

Email:: delete\_pop

Email:: disable\_filter

Email:: disable\_mailbox\_autocreate

Email:: disable\_spam\_assassin

Email:: disable\_spam\_autodelete

Email:: disable\_spam\_box

Email:: dispatch\_client\_settings

Email:: edit\_pop\_quota

Email:: enable\_filter

Email:: enable\_mailbox\_autocreate

Email:: enable\_spam\_assassin

Email:: enable\_spam\_box

Email:: fetch\_charmaps

Email:: fts\_rescan\_mailbox

Email:: generate\_mailman\_opt

Email:: get\_auto\_responder

Email:: get\_chase

## Output Type

The API output type that you wish to receive.

- Use `--output=json` to return JSON-formatted output.
- Use `--output=jsonpretty` to return indented JSON-formatted output.
- Use `--output=xml` to return XML-formatted output.

**Important:**  
cPanel & WHM version 66 **deprecated** XML output.

- Use `--output=yaml` to return YAML-formatted output.

**Note:**  
This parameter defaults to `--output=yaml`.

*Module*

The UAPI module name.

*Function*

The UAPI function.

*User*

The cPanel account username.

*Input parameters and values*

The function's input parameters and their values.

ts

Email: get\_client\_settings

Email: get\_default\_email\_quota

Email: get\_default\_email\_quota\_mib

Email: get\_disk\_usage

Email: get\_filter

Email: get\_held\_message\_count

Email: get\_mailbox\_autocreate

Email: get\_mailman\_delegates

Email: get\_main\_account\_disk\_usage

Email: get\_main\_account\_disk\_usage\_bytes

Email: get\_max\_email\_quota

Email: get\_max\_email\_quota\_mib

Email: get\_pop\_quota

Email: get\_spam\_settings

Email: get\_webmail\_settings

Email: has\_delegated\_mailman\_lists

Email: has\_plaint\_authentication

Email: hold\_outgoing

Email: is\_integer

Email: list\_autoresponders

Email: list\_default\_address

Email: list\_domain\_forwarders

Email: list\_filters

Email: list\_filters\_backups

Email: list\_forwarders

Email: list\_forward

- You **must** [URI-encode](#) values.
- Space-separate multiple parameter=value pairs.
- 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 examples:

```
uapi
--user
username
Module
function
key=["sslinstall\
","\video
tut\]"
uapi
--user
username
Module
function
key='{ "videotut", "
sslinstall" }'
```

ers\_backups  
 Email:: list\_lists  
 Email:: list\_mail\_domains  
 Email:: list\_mx  
 Email:: list\_pops  
 Email:: list\_pops\_with\_disk  
 Email:: list\_system\_filter\_info  
 Email:: passwd\_list  
 Email:: passwd\_pop  
 Email:: release\_outgoing  
 Email:: remove\_mailman\_delegates  
 Email:: reorder\_filters  
 Email:: set\_always\_accept  
 Email:: set\_default\_address  
 Email:: set\_list\_privacy\_options  
 Email:: stats\_db\_status  
 Email:: store\_filter  
 Email:: suspend\_incoming  
 Email:: suspend\_login  
 Email:: suspend\_outgoing  
 Email:: trace\_filter  
 Email:: unsuspend\_incoming  
 Email:: unsuspend\_login  
 Email:: unsuspend\_outgoing  
 Email:: verify\_password  
 EmailAuth  
 EmailAuth:: disable\_dkim  
 EmailAuth:: enable\_dkim  
 EmailAuth:: ensure\_dkim\_keys\_exist

**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:

```
uapi --help
```

**Note:**

For more information about browser-based UAPI calls, read the [cPanel or Webmail Session URL calls](#) section below.

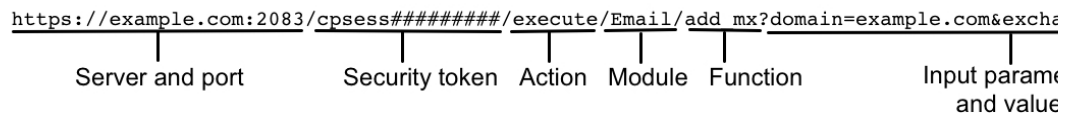
This example uses the following variables:

Variable	Description	Possible values	Example
Module	The function's module.	Any UAPI module.	Email
function	The UAPI function.	Any UAPI function in the specified module.	addpop
parameters	The function's input parameters.	Any parameter from the specified function.	domain
value	The value to assign to the input parameter.	Parameters accept a variety of values.	example.com

## cPanel or Webmail Session URL calls

You can access UAPI functions directly from any web browser when you make the call from a cPanel or Webmail session.

Browser-based calls consist of the following basic parts:



EmailAuth:: fetch\_dkim\_private\_keys

EmailAuth:: install\_dkim\_private\_keys

EmailAuth:: install\_spf\_records

EmailAuth:: validate\_current\_dkims

EmailAuth:: validate\_current\_ptrs

EmailAuth:: validate\_current\_spfs

ExternalAuthentication

ExternalAuthentication:: add\_auth\_link

ExternalAuthentication:: configured\_modules

ExternalAuthentication:: get\_auth\_links

ExternalAuthentication:: has\_external\_auth\_modules\_configured

ExternalAuthentication:: remove\_auth\_link

Features

Features:: get\_feature\_metadata

Features:: has\_feature

Features:: list\_features

Fileman

Fileman:: autocompletedir

Fileman:: empty\_trash

Fileman:: get\_file\_content

Fileman:: get\_file\_information

Fileman:: list\_files

Fileman:: save\_file\_content

Fileman:: transcoding

Fileman:: upload\_files

Part	Description
<i>Server and port</i>	<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>2082 —Unsecure calls as a specific cPanel account.</li> <li>2083 — Secure calls as a specific cPanel account.</li> <li>2095 —Unsecure calls via a Webmail session.</li> <li>2096 — Secure calls via a Webmail session.</li> </ul> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p><b>Warning:</b> Unless you call this API via the WHM API, you <b>cannot</b> call this API via WHM's ports (2086 or 2087).</p> </div>
<i>Security token</i>	<p>The current session's <a href="#">security token</a>.</p> <div style="border: 1px solid orange; padding: 5px; 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>Action</i>	This portion of the URL will always be executed.
<i>Module</i>	The UAPI module name.
<i>Function</i>	The UAPI function.
<i>Input parameters and values</i>	<p>The UAPI function's input parameters and their values.</p> <ul style="list-style-type: none"> <li>Separate multiple <code>parameter=value</code> pairs with the ampersand character (&amp;).</li> <li>You <b>must</b> <a href="#">URI-encode</a> 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>

- Ftp:: add\_ftp
  - Ftp:: allows\_anonymous\_ftp
  - Ftp:: allows\_anonymous\_ftp\_incoming
  - Ftp:: delete\_ftp
  - Ftp:: ftp\_exists
  - Ftp:: get\_ftp\_daemon\_info
  - Ftp:: get\_port
  - Ftp:: get\_quota
  - Ftp:: get\_welcome\_message
  - Ftp:: kill\_session
  - Ftp:: list\_ftp
  - Ftp:: list\_ftp\_with\_disk
  - Ftp:: list\_sessions
  - Ftp:: passwd
  - Ftp:: server\_name
  - Ftp:: set\_anonymous\_ftp
  - Ftp:: set\_anonymous\_ftp\_incoming
  - Ftp:: set\_homedir
  - Ftp:: set\_quota
  - Ftp:: set\_welcome\_message
- Integration
  - Integration:: fetch\_url
- KnownHosts
  - KnownHosts:: create
  - KnownHosts:: delete
  - KnownHosts:: update
  - KnownHosts:: verify
- LangPHP
  - LangPHP:: php\_get\_domain\_handler
  - LangPHP:: php\_get\_impacted\_domains
  - LangPHP:: php\_get\_installed\_version

**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/cpess#####/json-api/accountsummary?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...



s

LangPHP:: php\_get\_system\_default\_version

LangPHP:: php\_get\_vhost\_versions

LangPHP:: php\_ini\_get\_user\_basic\_directives

LangPHP:: php\_ini\_get\_user\_content

LangPHP:: php\_ini\_get\_user\_paths

LangPHP:: php\_ini\_set\_user\_basic\_directives

LangPHP:: php\_ini\_set\_user\_content

LangPHP:: php\_set\_vhost\_versions

#### ▼ LastLogin

LastLogin:: get\_last\_or\_current\_logged\_in\_ip

#### ▼ Locale

Locale:: get\_attributes

#### ▼ Mailboxes

Mailboxes:: expunge\_mailbox\_messages

Mailboxes:: expunge\_messages\_for\_mailbox\_guid

Mailboxes:: get\_mailbox\_status

Mailboxes:: has\_utf8\_mailbox\_names

Mailboxes:: set\_utf8\_mailbox\_names

#### ▼ Market

Market:: cancel\_pending\_ssl\_certificate

Market:: create\_shopping\_cart

Market:: get\_all\_products

Market:: get\_certificate\_status\_details

Market:: get\_login\_url

Market:: get\_pending\_ssl\_certificates

```
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/cpsess#####/execute/Module/function?parameter=value&parameter=value&parameter=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...

Market:: get\_provider\_specific\_dcvc\_constraints

Market:: get\_providers\_list

Market:: get\_ssl\_certificate\_if\_available

Market:: process\_ssl\_pending\_queue

Market:: request\_ssl\_certificates

Market:: set\_status\_of\_pending\_queue\_items

Market:: set\_url\_after\_checkout

Market:: validate\_login\_token

#### ▼ Mime

Mime:: add\_handler

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redirect

Mime:: delete\_handler

Mime:: delete\_hotlink

Mime:: delete\_mime

Mime:: delete\_redirect

Mime:: list\_handlers

Mime:: list\_hotlinks

Mime:: list\_mime

Mime:: list\_redirects

Mime:: redirect\_info

#### ▼ ModSecurity

ModSecurity:: disable\_all\_domains

ModSecurity:: disable\_domains

ModSecurity:: enable\_all\_domains

ModSecurity:: enable\_domains

```
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/cpse  
ss#####/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
```

ModSecurity:: has  
\_modsecurity\_inst  
alled

ModSecurity:: list\_  
domains

#### ▼ Mysql

Mysql:: add\_host

Mysql:: add\_host\_  
note

Mysql :: check\_dat  
abase

Mysql:: create\_dat  
abase

Mysql:: create\_use  
r

Mysql:: delete\_dat  
abase

Mysql:: delete\_hos  
t

Mysql:: delete\_use  
r

Mysql:: get\_host\_n  
otes

Mysql:: get\_privile  
ges\_on\_database

Mysql:: get\_restrict  
ions

Mysql:: get\_server  
\_information

Mysql:: locate\_ser  
ver

Mysql:: rename\_d  
atabase

Mysql:: rename\_us  
er

Mysql:: repair\_dat  
abase

Mysql:: revoke\_ac  
cess\_to\_database

Mysql:: set\_passw  
ord

Mysql:: set\_privile  
ges\_on\_database

#### ▼ Notifications

Notifications:: get\_  
notifications\_count

#### ▼ NVData

NVData:: get

NVData:: set

#### ▼ Parser

Parser:: firstfile\_rel  
ative\_uri

#### ▼ 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](#)

- PassengerApps:: disable\_application
  - PassengerApps:: edit\_application
  - PassengerApps:: enable\_application
  - PassengerApps:: ensure\_deps
  - PassengerApps:: list\_applications
  - PassengerApps:: register\_application
  - PassengerApps:: unregister\_application
- PasswdStrength:: get\_required\_strength
- Personalization::set
- Personalization::get
- Postgresql:: create\_database
  - Postgresql:: create\_user
  - Postgresql:: delete\_database
  - Postgresql:: get\_restrictions
  - Postgresql:: grant\_all\_privileges
  - Postgresql:: rename\_database
  - Postgresql:: rename\_user
  - Postgresql:: rename\_user\_no\_password
  - Postgresql:: revoke\_all\_privileges
  - Postgresql:: set\_password
- Pushbullet:: send\_test\_message
- Quota:: get\_quota\_info

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/cpsess#####/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...

- Resellers:: list\_accounts
- ResourceUsage:: get\_usages
- Restore:: directory\_listing
  - Restore:: get\_users
  - Restore:: query\_file\_info
  - Restore:: restore\_file
- Session:: create\_temp\_user
- SiteTemplates:: list\_site\_templates
  - SiteTemplates:: list\_user\_settings
  - SiteTemplates:: publish
- SpamAssassin:: clear\_spam\_box
  - SpamAssassin:: get\_symbolic\_test\_names
  - SpamAssassin:: get\_user\_preferences
  - SpamAssassin:: update\_user\_preference
- SSH:: get\_port
- SSL:: add\_autossl\_excluded\_domains
  - SSL:: can\_ssl\_redirect
  - SSL:: check\_shared\_cert
  - SSL:: delete\_cert
  - SSL:: delete\_csr
  - SSL:: delete\_key
  - SSL:: delete\_ssl
  - SSL:: disable\_mail\_sni

```
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](#).

SSL:: enable\_mail  
\_sni

SSL:: fetch\_best\_f  
or\_domain

SSL:: fetch\_cert\_in  
fo

SSL:: fetch\_certific  
ates\_for\_fqdns

SSL:: fetch\_key\_a  
nd\_cabundle\_for\_  
certificate

SSL:: find\_certifica  
tes\_for\_key

SSL:: find\_csrs\_for  
\_key

SSL:: generate\_ce  
rt

SSL:: generate\_cs  
r

SSL:: generate\_ke  
y

SSL:: get\_autossl\_  
excluded\_domains

SSL:: get\_autossl\_  
pending\_queue

SSL:: get\_autossl\_  
problems

SSL:: get\_cabundl  
e

SSL:: get\_cn\_nam  
e

SSL:: install\_ssl

SSL:: installed\_ho  
st

SSL:: installed\_ho  
sts

SSL:: is\_autossl\_c  
heck\_in\_progress

SSL:: is\_mail\_sni\_  
supported

SSL:: is\_sni\_supp  
orted

SSL:: list\_certs

SSL:: list\_csrs

SSL:: list\_keys

SSL:: list\_ssl\_item  
s

SSL:: mail\_sni\_sta  
tus

SSL:: rebuild\_mail  
\_sni\_config

SSL:: rebuildssldb

SSL:: remove\_aut  
ossl\_excluded\_do  
mains

SSL:: set\_autossl\_  
excluded\_domains

SSL:: set\_cert\_frie  
ndly\_name

SSL:: set\_csr\_frien  
dly\_name

SSL:: set\_key\_frie  
ndly\_name

SSL:: set\_primary  
\_ssl

SSL:: set\_ssl\_shar  
e

SSL:: show\_cert

SSL:: show\_csr

SSL:: show\_key

SSL:: start\_autossl\_  
\_check

SSL:: toggle\_ssl\_r  
edirects\_for\_doma  
ins

SSL:: upload\_cert

SSL:: upload\_key

▼ StatsBar

StatsBar:: get\_stat  
s

▼ Styles

Styles:: current

Styles:: list

Styles:: set\_default

Styles:: update

▼ SubDomain

SubDomain:: adds  
ubdomain

▼ Themes

Themes:: get\_the  
me\_base

Themes:: list

Themes:: update

▼ Tokens

Tokens:: create\_fu  
ll\_access

Tokens:: list

Tokens:: rename

Tokens:: revoke

▼ TwoFactorAuth

TwoFactorAuth:: generate\_user\_configuration

TwoFactorAuth:: get\_user\_configuration

TwoFactorAuth:: remove\_user\_configuration

TwoFactorAuth:: set\_user\_configuration

▼ UserManager

UserManager:: check\_account\_conflicts

UserManager:: create\_user

UserManager:: delete\_user

UserManager:: dismiss\_user

UserManager:: edit\_user

UserManager:: list\_users

UserManager:: lookup\_service\_account

UserManager:: lookup\_user

UserManager:: merge\_service\_account

UserManager:: unlink\_service\_account

▼ UserTasks

UserTasks:: delete

UserTasks:: retrieve

▼ VersionControl

VersionControl:: create

VersionControl:: delete

VersionControl:: retrieve

VersionControl:: update

▼ VersionControlDeployment

VersionControlDeployment:: create



VersionControlDeployment:: delete

VersionControlDeployment:: retrieve

▼ WebDisk

WebDisk:: delete\_user

WebDisk:: set\_homedir

WebDisk:: set\_password

WebDisk:: set\_permissions

▼ WebmailApps

WebmailApps:: list\_webmailapps

▼ WebVhosts

WebVhost:: list\_domains

WebVhost:: list\_ssl\_capable\_domains

▼ WordPressBackup

WordPressBackup:: any\_running

WordPressBackup:: cancel

WordPressBackup:: cleanup

WordPressBackup:: get\_available\_backups

WordPressBackup:: is\_running

WordPressBackup:: start

▼ WordPressInstance

Manager

WordPressInstanceManager:: cancel\_scan

WordPressInstanceManager:: cleanup\_scan

WordPressInstanceManager:: change\_admin\_password

WordPressInstanceManager:: configure\_autoupdate

WordPressInstanceManager:: get\_api\_version

WordPressInstanceManager:: get\_in

stance\_by\_id

WordPressInstanceManager::get\_instances

WordPressInstanceManager::get\_latest\_wordpress\_version\_from\_wordpress\_org

WordPressInstanceManager::get\_scan\_results

WordPressInstanceManager::is\_installable\_addon\_available

WordPressInstanceManager::start\_scan

▼ WordPressRestore

WordPressRestore::any\_running

WordPressRestore::cleanup

WordPressRestore::start