

# 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 URL  
LiveAPI PHP Class  
LiveAPI Perl Module  
cPanel Template Toolkit  
Command Line

```
/execute/Module/function?parameter=valu  
e&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

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About  
UAPI

UAPI  
accesses  
and  
modifies  
data for  
cPanel  
accounts.

### Notes:

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or  
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Branding:: image  
 Branding:: include  
 Branding:: spritelist  
 CacheBuster  
 CacheBuster:: read  
 CacheBuster:: update  
 Chkservd  
 Chkservd:: get\_exim\_ports  
 Chkservd:: get\_exim\_ports\_ssl  
 Chrome  
 Chrome:: get\_dom  
 Contactus  
 Contactus:: is\_enabled  
 cPAddons  
 cPAddons:: get\_available\_addons  
 cPAddons:: get\_instance\_settings  
 cPAddons:: listaddon\_instances  
 cPGreyList  
 cPGreyList:: disable\_all\_domains  
 cPGreyList:: disable\_domains  
 cPGreyList:: enable\_all\_domains  
 cPGreyList:: enable\_domains  
 cPGreyList:: has\_greylisting\_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 $cpaliveapi = Cpanel::LiveAPI->new();
# Connect to cPanel - only do this once.

# Call a UAPI function.
my $function_result = $cpaliveapi->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 processes.

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\_domains\_records

DNSSEC:: set\_ns\_ec3

DNSSEC:: unset\_nsec3

▼ Email

Email:: account\_name

Email:: add\_auto\_resolver

Email:: add\_domain\_forwarder

Email:: add\_forwarder

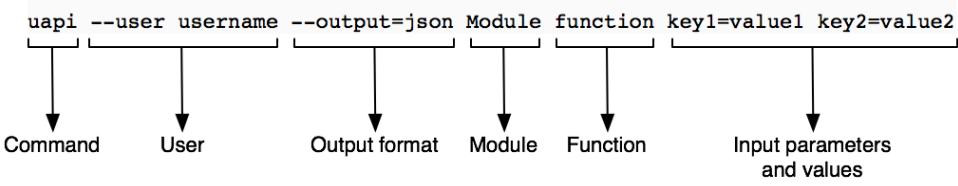
Email:: add\_list

Email:: add\_mailman\_delegates

Email:: add\_mx

Email:: add\_pop

Email:: add\_spam\_filter



Part	Description
<i>Command</i>	This value is always <code>uapi</code> for calls to UAPI.  <b>Note:</b> If you run CloudLinux™, you <b>must</b> use the full path of the <code>uapi</code> command:  <code>/usr/local/cpanel/bin/uapi</code>
<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	<i>Output Type</i>	The API output type that you wish to receive.
Email:: change_mx		<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>
Email:: check_fast_mail		
Email:: check_pipe_forwarder		
Email:: delete_auto_responder		
Email:: delete_domain_forwarder		
Email:: delete_filter		
Email:: delete_forwarder		
Email:: delete_header_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	<i>Module</i>	The UAPI module name.
Email:: enable_mailbox_autocreate	<i>Function</i>	The UAPI function.
Email:: enable_spam_assassin	<i>User</i>	The cPanel account username.
Email:: enable_spam_box	<i>Input parameters and values</i>	The function's input parameters and their values.
Email:: fetch_charmaps		
Email:: fts_rescan_mailbox		
Email:: generate_mailman_otp		
Email:: get_auto_responder		
Email:: get_charge		

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\_usa\_ge  
Email:: get\_main\_account\_disk\_usa\_ge\_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\_plaintext\_authentication  
Email:: hold\_outgoing  
Email:: is\_integer  
Email:: list\_auto\_responders  
Email:: list\_default\_address  
Email:: list\_domain\_forwarders  
Email:: list\_filters  
Email:: list\_filters\_backups  
Email:: list\_forwarders  
Email:: list\_forwarders

- 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=[\"ss  
linstall\  
\", \"video  
tut\"]"  
uapi  
--user  
username  
Module  
function  
key='{"vi  
deotut", "  
sslinstal  
l"}'
```

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.

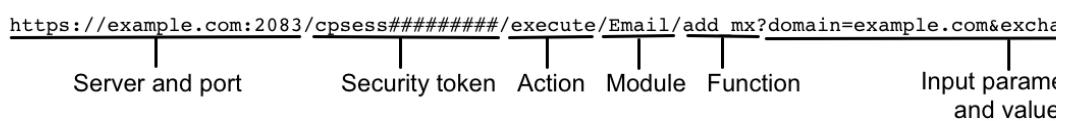
This example uses the following variables:

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:



	<b>Part</b>	<b>Description</b>
EmailAuth:: <a href="#">fetch_dkim_private_keys</a>	<i>Server and port</i>	The web server's HTTP address and the port number to use. Generally, this value begins with <code>https://</code> and the domain name.
EmailAuth:: <a href="#">install_dkim_private_keys</a>		When you call this API, use the following ports:
EmailAuth:: <a href="#">install_spf_records</a>		<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>
EmailAuth:: <a href="#">validate_current_dkims</a>		
EmailAuth:: <a href="#">validate_current_ptrs</a>		
EmailAuth:: <a href="#">validate_current_spfs</a>		
<b>ExternalAuthentication</b>		
ExternalAuthentication:: <a href="#">add_authn_link</a>		<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>
ExternalAuthentication:: <a href="#">configured_modules</a>		
ExternalAuthentication:: <a href="#">get_authn_links</a>	<i>Security token</i>	The current session's security token.
ExternalAuthentication:: <a href="#">has_external_auth_modules_configured</a>		<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 documentation</a>.</p>
ExternalAuthentication:: <a href="#">remove_authn_link</a>		
<b>Features</b>		
Features:: <a href="#">get_feature_metadata</a>	<i>Action</i>	This portion of the URL will always be <code>execute</code> .
Features:: <a href="#">has_feature</a>	<i>Module</i>	The UAPI module name.
Features:: <a href="#">list_features</a>	<i>Function</i>	The UAPI function.
<b>Fileman</b>		
Fileman:: <a href="#">autocompletedir</a>	<i>Input parameters and values</i>	The UAPI function's input parameters and their values. <ul style="list-style-type: none"> <li>• Separate multiple <code>parameter=value</code> pairs with the ampersand character (<code>&amp;</code>).</li> <li>• You <b>must</b> <a href="#">URL-encode</a> these values.</li> </ul>
Fileman:: <a href="#">emptytrash</a>		
Fileman:: <a href="#">get_file_content</a>		
Fileman:: <a href="#">get_file_information</a>		
Fileman:: <a href="#">list_files</a>		
Fileman:: <a href="#">save_file_content</a>		
Fileman:: <a href="#">transcode</a>		
Fileman:: <a href="#">upload_files</a>		<p><b>Note:</b> The term "Boolean" in our documentation refers to parameters that accept values of <code>1</code> or <code>0</code>. cPanel &amp; WHM's APIs do <b>not</b> support the literal values of <code>true</code> and <code>false</code>.</p>

✓ **Ftp**

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 UAPICPanel API 2WHM API 0 (deprecated)

cPanel API 1 (deprecated)

✓ **Browser-based call...**

```
https://hostname.example.com:2087/cpsess#####/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...**

s	
LangPHP:: <a href="#">php_get_system_default_version</a>	<pre>whmapi1 accountsummary user=username</pre>
LangPHP:: <a href="#">php_get_vhost_versions</a>	For more information, read our <a href="#">Guide to Testing Custom Code - WHM API Calls</a> and <a href="#">Guide to WHM API 1</a> documentation.
LangPHP:: <a href="#">php_ini_get_user_basic_directives</a>	<p>▼ <a href="#">cPanel or Webmail session URL call...</a></p> <pre>https://hostname.example.com:2083/cpanel##/#/execute/Module/function?parameter=value&amp;parameter=value&amp;parameter=value</pre>
LangPHP:: <a href="#">php_ini_get_user_content</a>	<p>▼ <a href="#">Command-line call...</a></p> <pre>uapi --user=username --output=type Module function parameter=value parameter=value</pre>
LangPHP:: <a href="#">php_ini_get_user_paths</a>	
LangPHP:: <a href="#">php_ini_set_user_basic_directives</a>	
LangPHP:: <a href="#">php_ini_set_user_content</a>	
LangPHP:: <a href="#">php_set_vhost_versions</a>	
▼ <a href="#">LastLogin</a>	<p>▼ <a href="#">LiveAPI PHP Class call...</a></p> <pre>\$cpanel = new CPANEL(); // Connect to cPanel - only do this once.  // Call a UAPI function. \$function_result = \$cpanel-&gt;uapi(     'Module', 'function',     array(         'parameter' =&gt; 'value',         'parameter' =&gt; 'value',         'parameter' =&gt; 'value',     ) );</pre>
▼ <a href="#">Locale</a>	
Locale:: <a href="#">get_attributes</a>	
▼ <a href="#">Mailboxes</a>	<p>▼ <a href="#">LiveAPI Perl Module call...</a></p>
Mailboxes:: <a href="#">expunge_mailbox_messages</a>	
Mailboxes:: <a href="#">expunge_messages_for_mailbox_guid</a>	
Mailboxes:: <a href="#">get_mailbox_status</a>	
Mailboxes:: <a href="#">has_utf8_mailbox_names</a>	
Mailboxes:: <a href="#">set_utf8_mailbox_names</a>	
▼ <a href="#">Market</a>	
Market:: <a href="#">cancel_pending_ssl_certificate</a>	
Market:: <a href="#">create_shopping_cart</a>	
Market:: <a href="#">get_all_products</a>	
Market:: <a href="#">get_certificate_status_details</a>	
Market:: <a href="#">get_login_url</a>	
Market:: <a href="#">get_pending_ssl_certificates</a>	

```

Market:: get_provider_specific_dcv_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/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_apiversion=2&cpanel_jsonapi_module=Module&cpanel_jsonapi_func=function&parameter="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_re  
lative_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
  - PassengerApps:: disable\_application
  - PassengerApps:: edit\_application
  - PassengerApps:: enable\_application
  - PassengerApps:: ensure\_deps
  - PassengerApps:: list\_applications
  - PassengerApps:: register\_application
  - PassengerApps:: unregister\_application
- ✓ PasswdStrength
  - PasswdStrength:: get\_required\_strength
- ✓ Personalization
  - Personalization::set
  - Personalization::get
- ✓ Postgresql
  - 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
  - Pushbullet::send\_test\_message
- ✓ Quota
  - 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/cpsest#####/json-api/accountsummary  
?user=username
```

▼ Command-line call...

```
whmapi0 accountsummary 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...

```
cpapi1 --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->api1('Module', 'function',  
array('parameter', 'parameter',  
'parameter')) // Call the function.
```

▼ LiveAPI Perl Module call...

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

```
my $cpliveapi =
Cpanel::LiveAPI->new(); # Connect to
cPanel - only do this once.
my $your_variable =
$cpliveapi->api1('Module',
'function', ['parameter',
'parameter', 'parameter']); # Call
the function.
```

#### ▼ Template Toolkit call...

```
<!-- Call a cPanel API 1 function.
-->
[%-
USE Api1;
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\_autossi\_  
excluded\_domains

SSL:: get\_autossi\_  
pending\_queue

SSL:: get\_autossi\_  
problems

SSL:: get\_cabundl  
e

SSL:: get\_cn\_nam  
e

SSL:: install\_ssl

SSL:: installed\_ho  
st

SSL:: installed\_ho  
sts

SSL:: is\_autossi\_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\_autossi\_  
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\_autossi  
\_check

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

SSL:: upload\_cert

SSL:: upload\_key

#### printStats

printStats:: 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\_home\_dir**

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**

✓ **WordPressInstanceManager**

WordPressInstanceManager:: **cancel\_scan**

WordPressInstanceManager:: **cleanup\_scan**

WordPressInstanceManager:: **change\_admin\_password**

WordPressInstanceManager:: **configure\_autoupdate**

WordPressInstanceManager:: **get\_api\_version**

WordPressInstanceManager:: **get\_info**

[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**