

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.



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

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



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:

```
https://example.com:2003/?token=#####&module=Email&no_token=example.com&message=mail.example.com
```

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

UAPI Basics

Available in:
cPanel 11.42+
Languages:
PHP, Perl



Important:

You can only use Perl to create custom UAPI modules.

Methods:

GET, POST

Return Format:

JSON, XML



Important:

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

About UAPI

UAPI accesses and modifies data for cPanel accounts.



Notes:

BoxTrapper:: [save_configuration](#)

BoxTrapper:: [set_status](#)

BoxTrapper:: [whitelist_messages](#)

Brand:: [read](#)

Branding:: [file](#)

Branding:: [get_applications](#)

Branding:: [get_application_information](#)

Branding:: [get_available_applications](#)

Branding:: [get_information_for_applications](#)

Branding:: [image](#)

Branding:: [include](#)

Branding:: [spritelist](#)

CacheBuster:: [read](#)

CacheBuster:: [update](#)

Chkserverd:: [get_exit_ports](#)

Chkserverd:: [get_exit_ports_ssl](#)

Chrome:: [get_domain](#)

Contactus:: [is_enabled](#)

cPAddons:: [get_available_addons](#)

cPAddons:: [get_instance_settings](#)

cPAddons:: [list_addon_instances](#)

cPGreyList:: [disable_all_domains](#)

cPGreyList:: [disable_domains](#)




cPGreyList:: [enable_all_domains](#)

cPGreyList:: [enable_domains](#)

cPGreyList:: [has_greylisting_enabled](#)

cPGreyList:: [list_domains](#)

DAV:: [disable_shared_global_addressbook](#)

<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"> • 2082 —Unsecure calls as a specific cPanel account. • 2083 — Secure calls as a specific cPanel account. • 2095 —Unsecure calls via a Webmail session. • 2096 — Secure calls via a Webmail session. <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p> Warning:</p> <p>Unless you call this API via the WHM API, you cannot call this API via WHM's ports (2086 or 2087).</p> </div>
<i>Security token</i>	<p>The current session's security token.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p> Note:</p> <p>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>Action</i>	This portion of the URL will always be <code>execute</code> .
<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"> • Separate multiple <code>parameter=value</code> pairs with the ampersand character (&). • You must URI-encode these values. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p> Note:</p> <p>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 <code>true</code> and <code>false</code>.</p> </div>

• These functions may require specific features.

• To enable or disable features, use WHM's [Feature Manager](#) interface.

• Unless you call this API via the WHM

DAV:: enable_share
d_global_addressbo
ok

DAV:: get_calendar
_contacts_config

DAV:: has_shared_
global_addressbook

DAV:: is_dav_servic
e_enabled

DAV:: is_horde_ena
bled

DCV:: check_domai
ns_via_dns

DCV:: check_domai
ns_via_http

DCV:: ensure_doma
ins_can_pass_dcv

DomainInfo:: domai
ns_data

DomainInfo:: list_do
mains

DomainInfo:: main_
domain_builtin_sub
domain_aliases

DomainInfo:: single
_domain_data

DNS:: ensure_doma
ins_reside_only_loc
ally

DNS:: has_local_au
thority

DNSSEC:: disable_
dnssec

DNSSEC:: enable_
dnssec

DNSSEC:: fetch_ds
_records

DNSSEC:: set_nsec3

DNSSEC:: unset_ns
ec3

Email:: account_na
me

Email:: add_auto_re
sponder

Email:: add_domain
_forwarder

Email:: add_forward
er

Email:: add_list

Email:: add_mailma
n_delegates

Email:: add_mx

Email:: add_pop

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:

```
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.

```
whmapil accountssummary user=username
```

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

Email: [add_spam_filter](#)

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_held_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_otp](#)

Email: [get_auto_responder](#)

Email: [get_charsets](#)

Related Documentation

- [Guide to cPanel API 1](#) — cPanel API 1 accesses information from the cPanel interface.
- [Guide to cPanel API 2](#) — cPanel API 2 accesses cPanel account information and modifies settings.
- [Guide to WHM API 0](#) — WHM API 0 accesses the WHM interface's features.
- [Guide to WHM API 1](#) — WHM API 1 accesses the WHM interface's features.
- [Guide to UAPI](#) — UAPI accesses the cPanel interface's features.

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_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_backups](#)

Email: [list_lists](#)

Email: [list_mail_domains](#)

Email: [list_mx](#)

Email: [list_pops](#)

Email: [list_pops_wit
h_disk](#)

Email: [list_system_
filter_info](#)

Email: [passwd_list](#)

Email: [passwd_pop](#)

Email: [release_out
going](#)

Email: [remove_mail
man_delegates](#)

Email: [reorder_filters](#)

Email: [set_always_
accept](#)

Email: [set_default_
address](#)

Email: [set_list_priv
acy_options](#)

Email: [stats_db_sta
tus](#)

Email: [store_filter](#)

Email: [suspend_inc
oming](#)

Email: [suspend_log
in](#)

Email: [suspend_out
going](#)

Email: [trace_filter](#)

Email: [unsuspend_i
ncoming](#)

Email: [unsuspend_l
ogin](#)

Email: [unsuspend_
outgoing](#)

Email: [verify_pass
word](#)

EmailAuth: [disable_
dkim](#)

EmailAuth: [enable_
dkim](#)

EmailAuth: [ensure_
dkim_keys_exist](#)

EmailAuth: [fetch_d
kim_private_keys](#)

EmailAuth: [install_d
kim_private_keys](#)

EmailAuth: [install_s
pf_records](#)

EmailAuth: [validate_
current_dkims](#)

EmailAuth:: validate
_current_ptrs

EmailAuth:: validate
_current_spfs

ExternalAuthenticati
on:: add_authn_link

ExternalAuthenticati
on:: configured_mo
dules

ExternalAuthenticati
on:: get_authn_links

ExternalAuthenticati
on:: has_external_a
uth_modules_config
ured

ExternalAuthenticati
on:: remove_authn_
link

Features:: get_featu
re_metadata

Features:: has_feat
ure

Features:: list_featu
res

Fileman:: autocompl
etedir

Fileman:: empty_tra
sh

Fileman:: get_file_c
ontent

Fileman:: get_file_in
formation

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Fileman:: save_file_
content

Fileman:: transcode

Fileman:: upload_fil
es

Ftp:: add_ftp

Ftp:: allows_anony
mous_ftp

Ftp:: allows_anony
mous_ftp_incoming

Ftp:: delete_ftp

Ftp:: ftp_exists

Ftp:: get_ftp_daemo
n_info

Ftp:: get_port

Ftp:: get_quota

Ftp:: get_welcome_
message

Ftp:: kill_session

Ftp:: [list_ftp](#)

Ftp:: [list_ftp_with_dir](#)

Ftp:: [list_sessions](#)

Ftp:: [passwd](#)

Ftp:: [server_name](#)

Ftp:: [set_anonymous_ftp](#)

Ftp:: [set_anonymous_ftp_incoming](#)

Ftp:: [set_homedir](#)

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ModSecurity:: has_
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Restore:: restore_file

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SSL:: installed_hosts

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SSL:: is_mail_sni_supported

SSL:: is_sni_supported

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SSL:: list_csrs
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SSL:: list_ssl_items
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SSL:: rebuild_mail_sni_config
SSL:: rebuildssldb
SSL:: remove_autossl_excluded_domains
SSL:: set_autossl_excluded_domains
SSL:: set_cert_friendly_name
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SSL:: set_ssl_share
SSL:: show_cert
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SSL:: show_key
SSL:: start_autossl_check
SSL:: toggle_ssl_rejects_for_domains
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WordPressBackup:: [cleanup](#)

WordPressBackup:: [get_available_backups](#)

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WordPressBackup:: [start](#)

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WordPressInstance
Manager:: [cleanup_scan](#)

WordPressInstance
Manager:: [change_admin_password](#)

WordPressInstance
Manager:: [configure_autoupdate](#)

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Manager:: [get_scan_results](#)

WordPressInstance
Manager:: [is_installable_addon_available](#)

WordPressInstance
Manager:: [start_scan](#)

WordPressRestore:: [any_running](#)

WordPressRestore::
cleanup

WordPressRestore::
start