

# UAPI Functions - Batch::strict

## Guide to UAPI

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Backup::fullbackup  
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p\_to\_scp\_with\_password

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### Bandwidth

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Bandwidth::query

### Batch

Batch::strict

### Brand

Brand::read

### Branding

Branding::file

Branding::get\_applications

Branding::get\_application\_information

Branding::get\_available\_applications

Branding::get\_info

## Description

This function combines calls for multiple UAPI functions and performs them in order.

### Notes:

- If a function call in the list fails, the `Batch::strict` function does not run further function calls in the list.
- Due to the potential length of calls of this function, we recommend that you use the HTTP POST method for extremely long batch commands.

## Examples

### ▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess#####/execute/Batch/strict?command-0=%5B%22SSH%22%2C%22get_port%22%2C%7B%7D%5D&command-1=%5B%22PasswdStrength%22%2C%22get_required_strength%22%2C%7B%22app%22%3A%22webdisk%22%7D%5D
```

### Note:

This example calls the UAPI function via a cPanel session. For more information, read our [Guide to UAPI](#) documentation.

## Function information

## About this module

The `Batch` module handles batch UAPI functionality.

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

information\_for\_applications

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\_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

LiveAPI PHP Class

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

//Combines multiple
UAPI functions.
$batch =
$cpanel->uapi(
    'Batch',
    'strict',
    array(
        'command-0'
=>
    ['SSH', 'get_port', {}]
    ],
        'command-1'
=>
    ['PasswdStrength', 'get_required_strength'
, {'app': 'webdisk'}]
    );
```

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

**Notes:**

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- The `20`
- The `).`

**Find a function**

- UAPI Functions - DomainInfo::list\_domains — This function lists the cPanel account's domains.

DAV:: is\_dav\_service\_enabled

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

#### ▼ LiveAPI Perl Module

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

# Combines multiple
UAPI functions.
my $batch =
$cpliveapi->uapi(
    'Batch',
    'strict',
    {
        'command-0'
=>
    ['SSH', "get_port", {}]
    },
    'command-1'
=>
    ["PasswdStrength", "get_required_strength"
, {"app": "webdisk"}]
    );
```

#### **Note:**

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

- UAPI Functions - Contactus::is\_enabled — This function checks whether the account's contact option is enabled.
- UAPI Functions - Chksrvd::get\_exim\_ports — This function lists the ports on which Exim listens.
- UAPI Functions - Chksrvd::get\_exim\_ports\_ssl — This function retrieves Exim's SSL port.

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\_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\_otp  
Email:: get\_auto\_r

## ▼ cPanel Template Toolkit

```
<!-- Combines multiple UAPI functions. -->[% execute('Batch', 'strict', {'command-0' => ['SSH', 'get_port', {'}]', 'command-1' => ['PasswdStrength', 'get_required_strength', {'app': 'webdisk'}] },) %]
```

**Note:**

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

esponder

Email: get\_charse  
ts

Email: get\_client\_  
settings

Email: get\_default\_  
\_email\_quota

Email: get\_default\_  
\_email\_quota\_mib

Email: get\_disk\_u  
sage

Email: get\_filter

Email: get\_held\_  
message\_count

Email: get\_mailbo  
x\_autocreate

Email: get\_mailm  
an\_delegates

Email: get\_main\_  
account\_disk\_usa  
ge

Email: get\_main\_  
account\_disk\_usa  
ge\_bytes

Email: get\_max\_e  
mail\_quota

Email: get\_max\_e  
mail\_quota\_mib

Email: get\_pop\_q  
uota

Email: get\_spam\_  
settings

Email: get\_webm  
ail\_settings

Email: has\_deleg  
ated\_mailman\_list  
s

Email: has\_plainte  
xt\_authentication

Email: hold\_outgo  
ing

Email: is\_integer

Email: list\_auto\_r  
esponders

Email: list\_default\_  
\_address

Email: list\_domain\_  
\_forwarders

Email: list\_filters

Email: list\_filters\_  
backups

Email: list\_forward

## Command Line

```
uapi --user=username  
Batch strict  
command-0=%5B%22SSH%5  
C%22%2C%22get_port%5C  
%22%2C%7B%7D%5D  
command-1=%5B%22Passw  
dStrength%22%2C%22get  
_required_strength%22  
%2C%7B%22app%22%3A%22  
webdisk%22%7D%5D
```

### Notes:

- You **must** URI-encode values.
- username represents your account-level username.
- For more information and additional output options, read our [Guide to UAPI](#) documentation or run the `uapi --help` command.
- If you run CloudLinux™, you **must** use the full path of the `uapi` command:

```
/usr/local  
/cpanel/bi  
n/uapi
```

ers

Email:: list\_forward  
ers\_backups

Email:: list\_lists

Email:: list\_mail\_d  
omains

Email:: list\_mx

Email:: list\_pops

Email:: list\_pops\_  
with\_disk

Email:: list\_system  
\_filter\_info

Email:: passwd\_list

Email:: passwd\_po  
p

Email:: release\_ou  
tgoing

Email:: remove\_m  
ailman\_delegates

Email:: reorder\_filt  
ers

Email:: set\_always  
\_accept

Email:: set\_default  
\_address

Email:: set\_list\_pri  
vacy\_options

Email:: stats\_db\_st  
atus

Email:: store\_filter

Email:: suspend\_in  
coming

Email:: suspend\_lo  
gin

Email:: suspend\_o  
utgoing

Email:: trace\_filter

Email:: unsuspend  
\_incoming

Email:: unsuspend  
\_login

Email:: unsuspend  
\_outgoing

Email:: verify\_pass  
word

#### ▼ EmailAuth

EmailAuth:: disabl  
e\_dkim

EmailAuth:: enable  
\_dkim

#### ▼ Output (JSON)

```
{
  "messages":null,
  "errors":null,
  "status":1,
  "metadata":{
    "transformed":1
  },
  "data":[
    {
      "messages":null,
      "errors":null,
      "status":1,
      "metadata":{
        },
        "data":{
          "port":"22"
        }
      },
      {
        "messages":null,
        "errors":null,
        "status":1,
        "metadata":{
          },
          "data":{
            "strength":0
          }
        }
      ]
    }
  }
```

#### Note:

Use cPanel's *API Shell* interface (*cPanel >> Home >> Advanced >> API Shell*) to directly test cPanel API calls.

## Parameters

EmailAuth:: ensure\_dkim\_keys\_exist

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\_authn\_link

ExternalAuthentication:: configured\_modules

ExternalAuthentication:: get\_authn\_links

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

ExternalAuthentication:: remove\_authn\_link

Features

Features:: get\_feature\_metadata

Features:: has\_feature

Features:: list\_features

Fileman

Fileman:: autocomplete\_dir

Fileman:: empty\_trash

Fileman:: get\_file\_content

Fileman:: get\_file\_information

Fileman:: list\_files

Fileman:: save\_file\_content

Fileman:: transcode

Parameter	Type	Description	Possible values	Example
command	string	<p><b>Required</b></p> <p>A UAPI function to call.</p> <p style="text-align: center;"><b>Important</b></p>	<p>Any UAPI function.</p> <p>Include the function's URI-encoded input parameters as a JSON-encoded array after the module and function name.</p> <p>For example, to call the <code>PasswordStrength::get_required_strength</code> function with an <code>app</code> parameter value of <code>webdisk</code>, assign the following value to a <code>command</code> parameter:</p> <pre>[{"module": "PasswordStrength", "function": "get_required_strength", "app": "webdisk"}]</pre> <p>For reference, the non-URI-encoded version is:</p> <pre>[{"module": "PasswordStrength", "function": "get_required_strength", "app": "webdisk"}]</pre>	

- Fileman:: upload\_files
- 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

To submit multiple commands via Template Toolkit or the PHP Library, which require that you submit arguments in a hash, increment the parameter name. For example: command-0, command-1, command-2

It is not necessary to increment the command parameter label for querying strings of this function.



LangPHP:: php\_get\_installed\_versions

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

## Returns

Return	Type	Description	Possible values	Example
	<i>array of hashes</i>	An array of hashes that contain function output.	This array includes the result hash.	
<code>result</code>	<i>hash</i>	The results from a function.  The function returns this hash in the unnamed array of hashes.	Each <code>result</code> hash contains the output data and metadata from one of the <code>command</code> and <code>parameter</code> 's functions.  For more information about UAPI return data and metadata, read our <a href="#">UAPI - Return Data documentation</a> .	

### ▼ LastLogin

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

### ▼ Locale

Locale:: get\_attributes

### ▼ Mailboxes

Mailboxes:: expunge\_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

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

ModSecurity:: has\_modsecurity\_installed

ModSecurity:: list\_domains

▼ Mysql

Mysql:: add\_host

Mysql:: add\_host\_note

Mysql :: check\_database

Mysql:: create\_database

Mysql:: create\_user

Mysql:: delete\_database

Mysql:: delete\_host

Mysql:: delete\_user

Mysql:: get\_host\_notes

Mysql:: get\_privileges\_on\_database

Mysql:: get\_restrictions

Mysql:: get\_server\_information

Mysql:: locate\_server

Mysql:: rename\_database

Mysql:: rename\_user

Mysql:: repair\_database

Mysql:: revoke\_access\_to\_database

Mysql:: set\_password

Mysql:: set\_privileges\_on\_database

▼ Notifications

Notifications:: get\_notifications\_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile\_relati  
ative\_uri

▼ PassengerApps

PassengerApps:: d  
isable\_application

PassengerApps:: e  
dit\_application

PassengerApps:: e  
nable\_application

PassengerApps:: e  
nsure\_deps

PassengerApps:: li  
st\_applications

PassengerApps:: r  
egister\_application

PassengerApps:: u  
nregister\_applicati  
on

▼ PasswdStrength

PasswdStrength::  
get\_required\_stren  
gth

▼ Personalization

Personalization::se  
t

Personalization ::g  
et

▼ Postgresql

Postgresql:: create  
\_database

Postgresql:: create  
\_user

Postgresql:: delete  
\_database

Postgresql:: get\_re  
strictions

Postgresql:: grant\_  
all\_privileges

Postgresql:: renam  
e\_database

Postgresql:: renam  
e\_user

Postgresql:: renam  
e\_user\_no\_passw  
ord

Postgresql:: revok  
e\_all\_privileges

Postgresql:: set\_p  
assword

▼ Pushbullet

Pushbullet:: send\_  
test\_message

- ▼ Quota
  - Quota:: get\_quota\_info
- ▼ 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\_shared\_cert
  - SSL:: delete\_cert
  - SSL:: delete\_csr
  - SSL:: delete\_key

SSL:: delete\_ssl

SSL:: disable\_mail\_sni

SSL:: enable\_mail\_sni

SSL:: fetch\_best\_for\_domain

SSL:: fetch\_cert\_info

SSL:: fetch\_certificates\_for\_fqdns

SSL:: fetch\_key\_and\_cabundle\_for\_certificate

SSL:: find\_certificates\_for\_key

SSL:: find\_csrs\_for\_key

SSL:: generate\_certificate

SSL:: generate\_csr

SSL:: generate\_key

SSL:: get\_autossl\_excluded\_domains

SSL:: get\_autossl\_pending\_queue

SSL:: get\_autossl\_problems

SSL:: get\_cabundle

SSL:: get\_cn\_name

SSL:: install\_ssl

SSL:: installed\_host

SSL:: installed\_hosts

SSL:: is\_autossl\_check\_in\_progress

SSL:: is\_mail\_sni\_supported

SSL:: is\_sni\_supported

SSL:: list\_certs

SSL:: list\_csrs

SSL:: list\_keys

SSL:: list\_ssl\_items

SSL:: mail\_sni\_status

tus

SSL:: rebuild\_mail  
\_snl\_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

▼ VersionControlDepl



## oyment

VersionControlDep  
loyment:: **create**

VersionControlDep  
loyment:: **delete**

VersionControlDep  
loyment:: **retrieve**

### ▼ WebDisk

WebDisk:: **delete\_**  
**user**

WebDisk:: **set\_ho**  
**medir**

WebDisk:: **set\_pas**  
**sword**

WebDisk:: **set\_per**  
**missions**

### ▼ WebmailApps

WebmailApps:: **list**  
**webmailapps**

### ▼ WebVhosts

WebVhost:: **list\_do**  
**main**

WebVhost:: **list\_ssl**  
**\_capable\_domains**

### ▼ WordPressBackup

WordPressBackup  
:: **any\_running**

WordPressBackup  
:: **cancel**

WordPressBackup  
:: **cleanup**

WordPressBackup  
:: **get\_available\_ba**  
**ckups**

WordPressBackup  
:: **is\_running**

WordPressBackup  
:: **start**

### ▼ WordPressInstance

#### Manager

WordPressInstanc  
eManager:: **cancel**  
**\_scan**

WordPressInstanc  
eManager:: **cleanu**  
**p\_scan**

WordPressInstanc  
eManager:: **chang**  
**e\_admin\_passwor**  
**d**

WordPressInstanc  
eManager:: **config**  
**ure\_autoupdate**

WordPressInstanc  
eManager:: **get\_ap**

i\_version

WordPressInstanceManager:: **get\_instance\_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**