

# UAPI Functions - DCV::ensure\_domains\_can\_pass\_dcv

## Guide to UAPI

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## Description

This function indicates whether the account's domains can pass a Domain Control Validation (DCV) check.

### Warning:

We deprecated this function in cPanel & WHM version 60. Use UAPI's `DCV::check_domains_via_http` function instead.

## Examples

### ▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess##  
▼ #####/execute/DCV/  
ensure_domains_can_pass_dcv?domain-1=example1.com&domain-2=example2.com&domain-3=example3.com
```

### 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 DCV module checks Domain Control Validation (DCV).

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

information\_for\_applications

Branding:: image

Branding:: include

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▼ CacheBuster

CacheBuster:: read

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Chkserverd:: get\_exim\_ports

Chkserverd:: get\_exim\_ports\_ssl

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Chrome:: get\_domain

▼ 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.  
  
// Check the  
example1.com,  
example2.com, and  
example3.com domains  
to see if they  
resolve to the local  
server.  
$poll =  
$cpanel->uapi(  
    'DCV',  
    'ensure_domains_can_pass_dcv',  
    array(  
        'domain-1' =>  
        'example1.com',  
        'domain-2' =>  
        'example2.com',  
        'domain-3' =>  
        'example3.com'  
    )  
);
```

**Note:**

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

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Find  
a  
function

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\_ds\_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.
```

```
# Check the  
example1.com,  
example2.com, and  
example3.com domains  
to see if they can  
pass a DCV check.  
my $poll =  
$cpliveapi->uapi(  
    'DCV',  
    'ensure_domains_can_p  
ass_dcv',  
    {  
        'domain-1'  
=> 'example1.com',  
        'domain-2'  
=> 'example2.com',  
        'domain-3'  
=> 'example3.com'  
    }  
);
```

#### **Note:**

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

- UAPI Functions - DCV: ensure\_domains\_can\_pass\_dcv — This function indicates whether the account's domains can pass a Domain Control Validation (DCV) check.
- UAPI Modules - DCV — The DCV module checks Domain Control Validation (DCV).

Email:: add\_spam\_filter  
Email:: browse\_mailbox  
Email:: change\_mx  
Email:: check\_fast\_mail  
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\_r

## ▼ cPanel Template Toolkit

```
<!-- Check the
example1.com,
example2.com, and
example3.com domains
to see if they can
pass a DCV check. -->
[% execute('DCV',
'ensure_domains_can_p
ass_dcv', {
'domain-1' =>
'example1.com', 'domai
n-2'=>'example2.com',
'domain-3'=>'example3
.com' } ) %]
```

### Note:

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

## ▼ Command Line

```
uapi --user=username
DCV
ensure_domains_can_pa
ss_dcv
domain-1=example1.com
domain-2=example2.com
domain-3=example3.com
```

### 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
```

- UAPI Modules - DNS - The DNS module checks DNS resolution issues.
- UAPI Functions - DCV: :check\_domain\_s\_via\_dns - This function checks whether the account's domains can pass Domain Control Validation (DCV) via a DNS request.

esponder

Email: get\_charts

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\_forward

## Output (JSON)

```
{
  "data": [
    null,
    null,
    'The domain
    resolves to Mars.
    Beep beep beep.'
  ],
  "messages": null,
  "metadata": {
    "transformed": 1
  },
  "status": 1,
  "errors": null
}
```

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

## Parameters

Parameter	Type	Description	Possible values	Example
-----------	------	-------------	-----------------	---------

ers

Email:: list\_forward\_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

	domain	string	<p><b>Required</b></p> <p>The domains to check.</p> <div data-bbox="732 243 870 1541" style="border: 1px solid orange; padding: 5px;"> <p><b>Note</b> : To check multiple domains, duplicate or increment the parameter name. For example, to check three domains, use the domain parameter multiple times or use the domain-1, domain-2, and domain-3 parameters.</p> </div>	A valid domain name.	example1.com
--	--------	--------	---	----------------------	--------------

## Returns

Return	Type	Description	Possible values	Example
--------	------	-------------	-----------------	---------

### ▼ EmailAuth

EmailAuth:: disable\_dkim

EmailAuth:: enable\_dkim

<p>EmailAuth:: ensure_dkim_keys_exist</p> <p>EmailAuth:: fetch_dkim_private_keys</p> <p>EmailAuth:: install_dkim_private_keys</p> <p>EmailAuth:: install_spf_records</p> <p>EmailAuth:: validate_current_dkims</p> <p>EmailAuth:: validate_current_ptrs</p> <p>EmailAuth:: validate_current_spfs</p> <p>ExternalAuthentication</p> <p>ExternalAuthentication:: add_authn_link</p> <p>ExternalAuthentication:: configured_modules</p> <p>ExternalAuthentication:: get_authn_links</p> <p>ExternalAuthentication:: has_external_auth_modules_configured</p> <p>ExternalAuthentication:: remove_authn_link</p> <p>Features</p> <p>Features:: get_feature_metadata</p> <p>Features:: has_feature</p> <p>Features:: list_features</p> <p>Fileman</p> <p>Fileman:: autocompletedir</p> <p>Fileman:: empty_trash</p> <p>Fileman:: get_file_content</p> <p>Fileman:: get_file_information</p> <p>Fileman:: list_files</p> <p>Fileman:: save_file_content</p> <p>Fileman:: transcode</p>	<p>data</p> <p>array of strings</p>	<p>The results from each domain parameter's DCV check.</p> <div style="border: 1px solid orange; padding: 5px;"> <p><b>Note</b> : The function returns the results from the domains in the same order in which you called them.</p> </div>	<ul style="list-style-type: none"> <li>• null — The domain passes the DCV check.</li> <li>• A valid string that explains to where the domain resolves.</li> </ul>	<p>The domain resolves to Mars. Beep beep beep.</p>
---	-------------------------------------	--	---	---

Fileman:: upload\_files

▼ 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\_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

#### ▼ 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**  
**mains**

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**