

cPanel API 2 Functions - SSL::getcname

Guide to cPanel API 2

[Return Data](#)

[Filter and Sort Output](#)

[Paginate Output](#)

[Output Columns](#)

[Calls from the WHM API](#)

[cPanel Tags \(deprecated\)](#)

AddonDomain:: [add addondomain](#)

AddonDomain:: [dela ddondomain](#)

AddonDomain:: [lista ddondomains](#)

Backups:: [listfullbackups](#)

Bandwidth:: [addhttp bandwidth](#)

Bandwidth:: [getbwdata](#)

Bandwidth:: [gethourlyaveragebwoveryears](#)

BoxTrapper:: [accountmanagelist](#)

Branding:: [addbrandingobj](#)

Branding:: [applist](#)

Branding:: [brandingeditor](#)

Branding:: [createpkg](#)

Branding:: [cssmerge](#)

Branding:: [delbrandingobj](#)

Branding:: [delpkg](#)

Branding:: [gensprites](#)

Branding:: [getbrandingpkg](#)

Branding:: [getbrandingpkgstatus](#)

Branding:: [getdefaultbrandingpkg](#)

Branding:: [installbrandingpkgs](#)

Branding:: [installimages](#)

Description

This function lists SSL certificate information for a cPanel service.



Warning:

We **strongly** recommend that you use the following [UAPI](#) function instead of this function:

- [SSL::get_cn_name](#) — This function retrieves the best domain to use for SSL for a service.

Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_apiversion=2&cpanel_jsonapi_module=SSL&cpanel_jsonapi_func=getcname&domain="example.com"&service="imap"&add_mail_subdomain="0"
```



Note:

For more information, read our [Calls from the WHM API](#) documentation.

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

// Get certificate information for example.com's IMAP server.
$get_certificate_info = $cpanel->api2(
    'SSL', 'getcname',
    array(
        'domain'           => 'example.com',
        'service'          => 'imap',
        'add_mail_subdomain' => '0',
    )
);
```



Note:

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

Function information

Module: SSL
API Version: [cPanel API 2](#)
Available in: cPanel 11.34+
Methods: GET, POST
Required Parameters: domain, service

Return Formats: JSON, XML



Notes:

- XML output [call this](#)
- cPanel [deprecated](#) XML output

Legacy Equivalents:

- [SSL::getcname](#)

About this module

The SSL module manages certificates, certificate requests, and keys on your server.

About cPanel API 2

Branding:: [killimgs](#)

Branding:: [listimgtypes](#)

Branding:: [listobjecttypes](#)

Branding:: [preloadconf](#)

Branding:: [resetall](#)

Branding:: [resetcss](#)

Branding:: [resethtml](#)

Branding:: [resolvefile](#)

Branding:: [resolvelocalcss](#)

Branding:: [savelocalcss](#)

Branding:: [setbrandingpkgstatus](#)

Branding:: [showpkgs](#)

Branding:: [spritelist](#)

CSVImport:: [columnchoices](#)

CSVImport:: [configimport](#)

CSVImport:: [data](#)

CSVImport:: [fetchimportdata](#)

CSVImport:: [isenabled](#)

CSVImport:: [loaddata](#)

CSVImport:: [processdata](#)

CSVImport:: [sendcontact](#)

CSVImport:: [uploadimport](#)

Contactus:: [isenabled](#)

Contactus:: [sendcontact](#)

Cron:: [add_line](#)

Cron:: [edit_line](#)

Cron:: [fetchcron](#)

Cron:: [get_email](#)

Cron:: [listcron](#)

Cron:: [remove_line](#)

Cron:: [set_email](#)

CustInfo:: [contactemails](#)

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

# Get certificate information for example.com's IMAP
server.
my $get_certificate_info = $cpliveapi->api2(
    'SSL', 'getcname',
    {
        'domain'           => 'example.com',
        'service'          => 'imap',
        'add_mail_subdomain' => '0',
    }
);
```



Note:

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



Warnings:

- In cPanel & WHM version 11.30 and later, cPanel tags are **deprecated**. We **strongly** recommend that you **only** use the [LiveAPI](#) system to call the cPanel APIs. Examples are **only** present in order to help developers move from the old cPanel tag system to our [LiveAPI](#).
- cPanel API 2 calls that use cPanel tags vary in code syntax and in their output.
- For more information, read our [Deprecated cPanel Tag Usage](#) documentation.

```
cpapi2 --user=username SSL getcname domain=example.com
service=imap add_mail_subdomain=0
```



Notes:

- You **must** [URI-encode](#) values.
- `username` represents your account-level username.
- You **must** run the `--user=username` command.
- For more information and additional output options, read our [Guide to cPanel API 2](#) documentation or run the `cpapi2 --help` command.
- If you run CloudLinux™, you **must** use the full path of the `cpapi2` command:

```
/usr/local/cpanel/bin/cpapi2
```

cPanel API 2 accesses and modifies data for cPanel accounts.



Notes:

CustInfo:: [contactprefs](#)

CustInfo:: [displaycontactinfo](#)

CustInfo:: [savecontactinfo](#)

DBmap:: [status](#)

DBmap:: [version](#)

DenyIp:: [listdenyips](#)

DiskCounter:: [diskcounter](#)

DiskUsage:: [buildcache](#)

DiskUsage:: [clearcache](#)

DiskUsage:: [fetch_raw_disk_usage](#)

DiskUsage:: [fetchdiskusage](#)

DiskUsage:: [fetchdiskusagewithextras](#)

DKIMUI:: [available](#)

DKIMUI:: [getrecords](#)

DKIMUI:: [install](#)

DKIMUI:: [installed](#)

DKIMUI:: [uninstall](#)

DnsLookup:: [name2ip](#)

DomainLookup:: [countbaseddomains](#)

DomainLookup:: [getbaseddomains](#)

DomainLookup:: [getdocroot](#)

DomainLookup:: [getdocroots](#)

DomainLookup:: [getmaindomain](#)

Email:: [accountname](#)

Email:: [adddomainforward](#)

Email:: [addforward](#)

Email:: [addmx](#)

Email:: [addpop](#)

Email:: [browseboxes](#)

Email:: [changemx](#)

Email:: [checkmaindiscard](#)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func": "getcname",
    "data": [
      {
        "is_self_signed": 1,
        "ssldomain": "example.com",
        "is_wild_card": 0,
        "ssldomain_matches_cert": 1,
        "cert_match_method": "hostname",
        "cert_valid_not_after": "1436471749"
      }
    ],
    "event": {
      "result": 1
    },
    "module": "SSL"
  }
}
```



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
domain	<i>string</i>	Required The domain name.	An SSL-enabled domain on the cPanel account.	example.com

- These functions may require a feature list. To view the available features at our website, visit [WHM's Feature Manager](#) interface.
- Unless you can

Email: [clearpopcache](#)

Email: [deletefilter](#)

Email: [delforward](#)

Email: [delmx](#)

Email: [delpop](#)

Email: [disablefilter](#)

Email: [editquota](#)

Email: [enablefilter](#)

Email: [fetchautoresponder](#)

Email: [fetchcharmaps](#)

Email: [filteractions](#)

Email: [filterlist](#)

Email: [filtername](#)

Email: [filterrules](#)

Email: [get_archiving_configuration](#)

Email: [get_archiving_default_configuration](#)

Email: [get_archiving_types](#)

Email: [get_default_email_quota](#)

Email: [get_email_signing](#)

Email: [get_max_email_quota](#)

Email: [getabsbrowse_dir](#)

Email: [getalwaysaccept](#)

Email: [getdiskusage](#)

Email: [getmxcheck](#)

Email: [has_delegated_mailman_lists](#)

Email: [list_system_filter_info](#)

Email: [listaliasbackups](#)

Email: [listautoresponders](#)

Email: [listdefaultaddresses](#)

Email: [listdomainforwards](#)

Email: [listfilterbackups](#)

service	string	Required The service for which to retrieve information.	<ul style="list-style-type: none"> imap — Return IMAP server information. pop3 — Return POP3 server information. smtp — Return SMTP (Exim) server information. dav — Return <i>Web Disk</i> information. cpanel — Return cPanel & WHM information. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Note:</p> <p>If you specify <code>imap</code> or <code>pop3</code>, the mail server must be configured, and cannot be disabled.</p> </div>	imap
add_mail_subdomain	Boolean	Whether to append <code>mail</code> or <code>www</code> onto the domain value in order to find a match. For example, if you specify the domain <code>example.com</code> and enable this option, the function searches for service information from <code>mail.example.com</code> , <code>www.example.com</code> , and <code>example.com</code> . This parameter defaults to 0.	<ul style="list-style-type: none"> 1 — Append <code>mail</code> and <code>www</code> onto the domain value during search. 0 — Match on the specified domain value only. 	0

Returns

Return	Type	Description	Possible values	Example
<code>is_self_signed</code>	Boolean	Whether the certificate is a self-signed certificate.	<ul style="list-style-type: none"> 1 — Self-signed certificate. 0 — Third-party certificate. 	1
<code>ssl_domain</code>	string	The domain for which the certificate was issued.	A valid domain name.	<code>example.com</code>
<code>is_wildcard</code>	Boolean	Whether the certificate is a wildcard certificate.	<ul style="list-style-type: none"> 1 — The certificate is a wildcard certificate. 0 — The certificate is not a wildcard certificate. 	0
<code>ssl_domain_matches_cert</code>	Boolean	Whether the certificate information matches the domain.	<ul style="list-style-type: none"> 1 — The certificate and domain match. 0 — The certificate and domain do not match. 	1

If this API violates the WHM API, you must use the appropriate cPanel ports (2082 or 2083). You can also call some functions via cPanel's *Webmail* port

Email:: [listfilters](#)

Email:: [listforwards](#)

Email:: [listlists](#)

Email:: [listmaildomains](#)

Email:: [listmx](#)

Email:: [listmxs](#)

Email:: [listpops](#)

Email:: [listpopssingle](#)

Email:: [listpopswithdisk](#)

Email:: [listpopswithimage](#)

Email:: [loadfilter](#)

Email:: [passwdpop](#)

Email:: [reorderfilters](#)

Email:: [set_archiving_configuration](#)

Email:: [set_archiving_default_configuration](#)

Email:: [set_email_signing](#)

Email:: [setalwaysaccept](#)

Email:: [setdefaultaddress](#)

Email:: [setmxcheck](#)

Email:: [storefilter](#)

Email:: [tracefilter](#)

EmailTrack:: [search](#)

EmailTrack:: [stats](#)

EmailTrack:: [trace](#)

Encoding:: [get_encodings](#)

Encoding:: [guess_file](#)

Encoding:: [guess_file_opts](#)

Fileman:: [autocomplete_dir](#)

Fileman:: [fileop](#)

Fileman:: [getabsdir](#)

Fileman:: [getdir](#)

Fileman:: [getdiractions](#)

Fileman:: [getdiskinfo](#)

Fileman:: [getedittype](#)

cert_match_method	<i>string</i>	The type of match.	<ul style="list-style-type: none"> hostname — The certificate hostname and the domain hostname match. exact — All certificate and domain details match. exact-wildcard — All certificate and domain details match for a wildcard certificate. www-wildcard — The certificate matches the domain value when the system appends www. mail-wildcard — The certificate matches the domain value when the system appends mail. localdomain_on_cert — The certificate matches another domain on the server. localdomain_on_cert-www-wildcard — The certificate matches another domain on the server when the system appends www. localdomain_on_cert-mail-wildcard — The certificate matches another domain on the server when the system appends mail. 	hostname
cert_valid_not_after	<i>integer</i>	The certificate's expiration date.	The certificate's expiration date, in Unix time.	1436471749
reason	<i>string</i>	A reason for failure.	A string that describes the error.	This is an error message.
		<div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;"> <p>Note:</p> <p>This function only returns a reason value if there was an error.</p> </div>		
result	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> 1 — The function succeeded. 0 — The function failed. 	1

```
ts
(2
0
95
0
r
2
0
96
).
```

Find a function

Related functions

- [cPanel API 2 Modules - SSL](#) — The SSL module manages certificates, certificate requests, and keys on your server.
- [cPanel API 2 Functions - SSL::fetchcabundle](#) — This function retrieves a certificate's Certificate Authority (CA) bundle.
- [cPanel API 2 Functions - SSL::fetchinfo](#) — This function retrieves a domain's SSL certificate, private key, CA bundle, owner, and IP address.
- [cPanel API 2 Functions - SSL::genctr](#) — This function generates a self-signed certificate.
- [cPanel API 2 Functions - SSL::gencsr](#) — This function generates a Certificate Signing Request (CSR).

Fileman:: [getfileactions](#)

Fileman:: [getpath](#)

Fileman:: [listfiles](#)

Fileman:: [mkdir](#)

Fileman:: [mkfile](#)

Fileman:: [savefile](#)

Fileman:: [search](#)

Fileman:: [statfiles](#)

Fileman:: [uploadfiles](#)

Fileman:: [viewfile](#)

ForcePassword:: [get_force_password_flags](#)

ForcePassword:: [update_force_password_flags](#)

Frontpage:: [fpenabled](#)

Frontpage:: [list](#)

FSTest:: [dirisempty](#)

Ftp:: [addftp](#)

Ftp:: [delftp](#)

Ftp:: [listftp](#)

Ftp:: [listftpsessions](#)

Ftp:: [listftpwithdisk](#)

Ftp:: [passwd](#)

Ftp:: [setquota](#)

Gpg:: [listgpgkeys](#)

Gpg:: [listsecretgpgkeys](#)

Gpg:: [number_of_private_keys](#)

Gpg:: [number_of_public_keys](#)

Htaccess:: [listuser](#)

Htaccess:: [listusers](#)

HttpUtils:: [getdirindices](#)

ImageManager:: [thumbnail](#)

LangMods:: [getarchname](#)

LangMods:: [getkey](#)

LangMods:: [getprefix](#)

LangMods:: [install](#)

LangMods:: [langlist](#)

LangMods:: [list_available](#)

LangMods:: [list_installed](#)

LangMods:: [magic_status](#)

LangMods:: [pre_run](#)

LangMods:: [search](#)

LangMods:: [setup](#)

LangMods:: [uninstall](#)

LangMods:: [update](#)

LeechProtect:: [setup](#)

Locale:: [get_encoding](#)

Locale:: [get_html_dir_attr](#)

Locale:: [get_locale_name](#)

Locale:: [get_user_locale](#)

Locale:: [get_user_locale_name](#)

Locale:: [numf](#)

Logaholic:: [adduser](#)

Logaholic:: [adduser_profile](#)

Logaholic:: [deleteuser](#)

Logaholic:: [deleteuserprofile](#)

Logaholic:: [edituser](#)

Logaholic:: [fetchuser](#)

Logaholic:: [listuserprofiles](#)

Logaholic:: [logaholic_link](#)

Logaholic:: [process_stats](#)

LVEInfo:: [getUsage](#)

Mime:: [list_hotlinks](#)

Mime:: [listhandlers](#)

Mime:: [listmime](#)

Mime:: [listredirects](#)

Mime:: [redirectname](#)

Mime:: [redirecturlname](#)

MysqlFE:: [authorize_host](#)

MysqlFE:: changed
buserpassword

MysqlFE:: createdb

MysqlFE:: createdb
user

MysqlFE:: dbuserexi
sts

MysqlFE:: deauthori
zehost

MysqlFE:: deletedb

MysqlFE:: deletedb
user

MysqlFE:: getalldb
info

MysqlFE:: getalldb
usersanddbs

MysqlFE:: getdbuse
rprivileges

MysqlFE:: getdbuse
rs

MysqlFE:: gethosts

MysqlFE:: getmysql
privileges

MysqlFE:: getmysql
serverprivileges

MysqlFE:: has_myc
nf_for_cpuser

MysqlFE:: listdbs

MysqlFE:: listdbsba
ckup

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers
ndb

MysqlFE:: revokedb
userprivileges

MysqlFE:: setdbuse
rprivileges

MysqlFE:: userdbpri
vs

MysqlOptimizer:: fet
ch_slow_queries

Net:: dnszone

Net:: traceroute

News:: does_news_
exist

News:: does_news_
type_exist

News:: get_news

NVData:: get

NVData:: [set](#)

NVData:: [setall](#)

Park:: [listaddondomains](#)

Park:: [listparkedomains](#)

Park:: [park](#)

Park:: [unpark](#)

Passwd:: [change_password](#)

Passwd:: [set_digest_auth](#)

PasswdStrength:: [appstrengths](#)

PasswdStrength:: [get_password_strength](#)

PasswdStrength:: [get_required_strength](#)

PHPINI:: [getaloptions](#)

PHPINI:: [getoptions](#)

Postgres:: [listdbs](#)

Postgres:: [listusers](#)

Postgres:: [listusersinndb](#)

Postgres:: [userexists](#)

Rand:: [getranddata](#)

Resellers:: [get_sub_accounts](#)

RoR:: [addapp](#)

RoR:: [changeapp](#)

RoR:: [importrails](#)

RoR:: [listapps](#)

RoR:: [listrewrites](#)

RoR:: [needsimport](#)

RoR:: [removeapp](#)

RoR:: [removerewrite](#)

RoR:: [restartapp](#)

RoR:: [setuprewrite](#)

RoR:: [softrestartapp](#)

RoR:: [startapp](#)

RoR:: [stopapp](#)

SetLang:: [setlocale](#)

SourceIPCheck:: [addip](#)

SourceIPCheck:: de
lip

SourceIPCheck:: ge
taccount

SourceIPCheck:: list
ips

SourceIPCheck:: lo
adsecquestions

SourceIPCheck:: re
setsecquestions

SourceIPCheck:: sa
mplequestions

SourceIPCheck:: sa
vesecquestions

SPFUI:: available

SPFUI:: count_setti
ngs

SPFUI:: entries_co
mplete

SPFUI:: get_raw_re
cord

SPFUI:: getmainser
verip

SPFUI:: install

SPFUI:: installed

SPFUI:: list_settings

SPFUI:: load_curren
t_values

SPFUI:: uninstall

SSH:: authkey

SSH:: converttoppk

SSH:: delkey

SSH:: fetchkey

SSH:: genkey

SSH:: genkey_legacy

SSH:: importkey

SSH:: listkeys

SSL:: fetchcabundle

SSL:: fetchinfo

SSL:: gencrt

SSL:: genscr

SSL:: genkey

SSL:: getcname

SSL:: installssl

SSL:: listcrts

SSL:: listcsrs

SSL:: listkeys
SSL:: listsslitems
SSL:: uploadcrt
SSL:: uploadkey
SSLInfo:: fetchinfo
StatCache:: clearcache
Stats:: getmonthlybandwidth
Stats:: getmonthlydomainbandwidth
Stats:: getthismonthsbwusage
Stats:: lastapachehits
Stats:: lastvisitors
Stats:: listanalog
Stats:: listawstats
Stats:: listlastvisitors
Stats:: listrawlogs
Stats:: listurchin
Stats:: listwebalizer
StatsBar:: getrowcounter
StatsBar:: rowcounter
StatsBar:: setrowcounter
StatsBar:: stat
SubDomain:: addsubdomain
SubDomain:: changedocroot
SubDomain:: delsubdomain
SubDomain:: getreservedsubdomains
SubDomain:: listsubdomains
SubDomain:: validategex
Themes:: apply_new_theme
Themes:: does_panel_theme_exist
Themes:: get_available_themes
Themes:: get_themes_list

Themes:: [restore_saved_theme](#)

UI:: [dynamicincludelist](#)

UI:: [includelist](#)

UI:: [listform](#)

UI:: [paginate](#)

UI:: [paginate_list](#)

UserHttpUtils:: [getdirindices](#)

WebDisk:: [addwebdisk](#)

WebDisk:: [delwebdisk](#)

WebDisk:: [hasdigest](#)

WebDisk:: [listwebdisks](#)

WebDisk:: [passwordebdisk](#)

WebDisk:: [set_digest_auth](#)

WebDisk:: [set_home_dir](#)

WebDisk:: [set_perms](#)

WebDisk:: [setstatus](#)

WebmailApps:: [listwebmailapps](#)

ZoneEdit:: [add_zone_record](#)

ZoneEdit:: [edit_zone_record](#)

ZoneEdit:: [fetch_cpanel_generated_domains](#)

ZoneEdit:: [fetchzone](#)

ZoneEdit:: [fetchzone_records](#)

ZoneEdit:: [fetchzones](#)

ZoneEdit:: [get_zone_record](#)

ZoneEdit:: [remove_zone_record](#)

ZoneEdit:: [resetzone](#)