

# cPanel API 2 Functions - SSH::listkeys

## Guide to cPanel API 2

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Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain:: adddondomain

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AddonDomain:: listaddondomain

AddonDomain:: listaddondomains

### Backups

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### Bandwidth

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Bandwidth:: getbwdata

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### Branding

Branding:: addbrandingobj

Branding:: applist

Branding:: brandingeditor

Branding:: createpkg

Branding:: cssmerge

Branding:: delbrandingobj

Branding:: delpkg

## Description

This function lists SSH keys.

### Warning:

We **strongly** recommend that you use [UAPI](#) instead of cPanel API 2. However, no equivalent UAPI function exists.

## Examples

### WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_apiversion=2&cpanel_jsonapi_module=SSH&cpanel_jsonapi_func=listkeys
```

### Note:

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

### LiveAPI PHP Class

```
$cpanel = new CPANEL(); // Connect to cPanel - only do this once.  
  
// List all SSH keys  
$list_key = $cpanel->api2('SSH', 'listkeys');
```

### Note:

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

## Function information

## About this module

The SSH module manages SSH keys.

Branding:: gensprites

Branding:: getbrandingpkg

Branding:: getbrandingpkgstatus

Branding:: getdefaultbrandingpkg

Branding:: installbrandingpkgs

Branding:: installimages

Branding:: killimages

Branding:: listingtypes

Branding:: listobjecttypes

Branding:: preloadconf

Branding:: resetall

Branding:: resetscss

Branding:: resethtml

Branding:: resolve\_file

Branding:: resolveocalcss

Branding:: saveocalcss

Branding:: setbrandingpkgstatus

Branding:: showpackages

Branding:: spriteslist

#### ▼ CSVImport

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

#### ▼ LiveAPI Perl Module

```
my $cpliveapi =  
Cpanel::LiveAPI->new(  
); # Connect to  
cPanel - only do this  
once.  
  
# List all SSH keys  
my $list_key =  
$cpliveapi->api2(  
    'SSH', 'listkeys'  
);
```

##### Note:

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

#### ▼ cPanel Tag System (deprecated)

##### 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.

## About cPanel API 2

cPanel API 2 accesses and modifies data for cPanel accounts.

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## Find a function

- 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
    - CustInfo:: contactprefs
    - CustInfo:: displaycontactinfo
    - CustInfo:: savecontactinfo
- DBmap:: status
    - DBmap:: version
- DKIMUI:: available
    - DKIMUI:: getrecords
    - DKIMUI:: install
    - DKIMUI:: installed
    - DKIMUI:: uninstall
- DenyIp:: listdenyps
- DiskCounter:: disk\_counter
- DiskUsage:: buildcache
    - DiskUsage:: clearcache
    - DiskUsage:: fetch\_raw\_disk\_usage
    - DiskUsage:: fetchdiskusage

## Command Line

```
cpapi2
--user=username SSH
listkeys
```

### 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
```

## Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "listkeys",
    "data": [
      {
        "ctime":
        1413917058,
        "mtime":
        1413917058,
        "file":
        "/home/example/.ssh/gozer",
        "name":
        "gozer",
        "haspub": 1,
        "key":
        "gozer",
        "auth": null,
        "authaction":
        0,
        "authstatus":
        0
      }
    ]
  }
}
```

- cPanel API 2 Functions - SSH: fetchkey — This function retrieves an SSH key.
- cPanel API 2 Functions - SSH: delkey — This function deletes an SSH key.
- cPanel API 2 Functions - SSH: authkey — This function authorizes an SSH key.

- DiskUsage:: fetchdiskusagewithextras
- ▼ DnsLookup
  - DnsLookup:: name2ip
- ▼ DomainLookup
  - DomainLookup:: countbaseddomains
  - DomainLookup:: getbaseddomains
  - DomainLookup:: getdocroot
  - DomainLookup:: getdocroots
  - DomainLookup:: getmaindomain
- ▼ Email
  - Email:: accountname
  - Email:: adddomainforward
  - Email:: addforward
  - Email:: addmx
  - Email:: addpop
  - Email:: browseboxes
  - Email:: changemx
  - Email:: checkmaindiscard
  - Email:: clearpopcache
  - Email:: deletefilter
  - Email:: delforward
  - Email:: delmx
  - Email:: delpop
  - Email:: disablefilter
  - Email:: editquota
  - Email:: enablefilter
  - Email:: fetchautosponder
  - Email:: fetchcharmaps
  - Email:: filteractions
  - Email:: filterlist
  - Email:: filtername
  - Email:: filterrules
  - Email:: get\_archiving\_configuration

```

    },
    {
      "ctime":
1413916230,
      "mtime":
1413916230,
      "file":
"/home/example/.ssh/user",
      "name":
"user",
      "haspub": 1,
      "key":
"user",
      "auth": null,
      "authaction":
0,
      "authstatus":
0
    },
    {
      "ctime":
1413917052,
      "mtime":
1413917052,
      "file":
"/home/example/.ssh/zuul",
      "name":
"zuul",
      "haspub": 1,
      "key":
"zuul",
      "auth": null,
      "authaction":
0,
      "authstatus":
0
    }
  ],
  "event": {
    "result": 1
  },
},

```

- cPanel API 2 Functions - SSH: :listkeys - This function lists SSH keys.

Email: get\_archiving\_default\_configuration

Email: get\_archiving\_types

Email: get\_default\_email\_quota

Email: get\_email\_signing

Email: get\_max\_email\_quota

Email: get\_tabs\_browser\_dir

Email: get\_always\_accept

Email: get\_disk\_usage

Email: get\_mx\_check

Email: has\_delegated\_mailman\_lists

Email: list\_system\_filter\_info

Email: list\_aliases\_backups

Email: list\_autoresponders

Email: list\_default\_addresses

Email: list\_domain\_forwards

Email: list\_filter\_backups

Email: list\_filters

Email: list\_forwards

Email: list\_lists

Email: list\_mail\_domains

Email: list\_mx

Email: list\_mx\_s

Email: list\_pops

Email: list\_pop\_single

Email: list\_pop\_switch\_disk

Email: list\_pop\_switch\_image

Email: load\_filter

Email: password\_pop

```
    "module": "SSH"
  }
}
```

**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
-----------	------	-------------	-----------------	---------

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

EmailTrack:: search

EmailTrack:: stats

EmailTrack:: trace

▼ Encoding

Encoding:: get\_encodings

Encoding:: guess\_file

Encoding:: guess\_file\_opts

▼ FSTest

FSTest:: dirisempty

▼ Fileman

Fileman:: autocompletedir

Fileman:: fileop

Fileman:: getabsdir

Fileman:: getdir

Fileman:: getdiractions

Fileman:: getdiskinfo

Fileman:: geteditty

Fileman:: getfileactions

Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

keys	string	The SSH key's filename.	A valid string.	user
			<p><b>Note</b> : You can not use the following names:</p> <ul style="list-style-type: none"> <li>• c o n f i g</li> <li>• k n o w n - h o s t s</li> <li>• a u t h o r i z e d - k e y s</li> <li>• e n v i r o n m e n t</li> <li>• r c</li> <li>• i d e n t i t y</li> </ul>	

- Fileman:: [savefile](#)
- Fileman:: [search](#)
- Fileman:: [statfiles](#)
- Fileman:: [uploadfiles](#)
- Fileman:: [viewfile](#)
- ForcePassword
  - ForcePassword:: [get\\_force\\_password\\_flags](#)
  - ForcePassword:: [update\\_force\\_password\\_flags](#)
- Frontpage
  - Frontpage:: [fpenabled](#)
  - Frontpage:: [list](#)
- Ftp
  - Ftp:: [addftp](#)
  - Ftp:: [delftp](#)
  - Ftp:: [listftp](#)
  - Ftp:: [listftpsessions](#)
  - Ftp:: [listftpwithdisk](#)
  - Ftp:: [passwd](#)
  - Ftp:: [setquota](#)
- Gpg
  - Gpg:: [listgpgkeys](#)
  - Gpg:: [listsecretgpgkeys](#)
  - Gpg:: [number\\_of\\_private\\_keys](#)
  - Gpg:: [number\\_of\\_public\\_keys](#)
- Htaccess
  - Htaccess:: [listuser](#)
  - Htaccess:: [listusers](#)
- HttpUtils
  - HttpUtils:: [getdirindices](#)
- ImageManager
  - ImageManager:: [thumbnail](#)
- LVEInfo
  - LVEInfo:: [getUsage](#)
- LangMods
  - LangMods:: [getarchname](#)

pub	<i>Boolean</i>	Whether to retrieve public or private keys.  If you do not use this parameter, the function returns keys of both types.	<ul style="list-style-type: none"> <li>• 1 — Public.</li> <li>• 0 — Private.</li> </ul>	0
types	<i>string</i>	The authorization type.  If you do not use this parameter, the function returns keys of both types.	<ul style="list-style-type: none"> <li>• <i>rsa</i> — Filter for <i>rsa</i> encryption.</li> <li>• <i>dsa</i> — Filter for <i>dsa</i> encryption.</li> </ul>	<i>rsa</i>

## Returns

Return	Type	Description	Possible values	Example
ctime	<i>integer</i>	The key's creation time.	A timestamp in Unix time format.	1413917052
mtime	<i>integer</i>	The key's last modification time.	A timestamp in Unix time format.	1413917052
file	<i>string</i>	The full file path to the key.	A valid file path.	zuul
name	<i>string</i>	The SSH key's name.	A valid filename.	zuul
haspub	<i>Boolean</i>	Whether the private key has a matching public key.	<ul style="list-style-type: none"> <li>• 1 — Matching public key.</li> <li>• 0 — No matching public key.</li> </ul>	1
key	<i>string</i>	The SSH key's filename.	A string that contains the fingerprint and file location.	user.pub
auth	<i>Boolean</i>	Whether the key is authorized.	<ul style="list-style-type: none"> <li>• 1 — Authorized.</li> <li>• 0 — Unauthorized.</li> </ul>	0
authaction	<i>Boolean</i>	The key's authentication actions.	<ul style="list-style-type: none"> <li>• <i>null</i> — No options available.</li> </ul>	<i>null</i>
authstatus	<i>Boolean</i>	The key's authorization status.	<ul style="list-style-type: none"> <li>• 1 — Authorized.</li> <li>• 0 — Unauthorized.</li> </ul>	0
status	<i>string</i>	The SSH key's status.	<ul style="list-style-type: none"> <li>• <i>authorized</i></li> <li>• <i>deauthorized</i></li> </ul>	<i>authorized</i>

LangMods:: [getkey](#)  
 LangMods:: [getpre  
fix](#)  
 LangMods:: [install](#)  
 LangMods:: [langlis  
t](#)  
 LangMods:: [list\\_av  
ailable](#)  
 LangMods:: [list\\_in  
stalled](#)  
 LangMods:: [magic  
\\_status](#)  
 LangMods:: [pre\\_ru  
n](#)  
 LangMods:: [search](#)  
 LangMods:: [setup](#)  
 LangMods:: [uninst  
all](#)  
 LangMods:: [updat  
e](#)

reason	<i>string</i>	A reason for failure.  <b>Note</b> : This function only returns a reason value if it failed.	A string that describes the error.	This is an error message.
result	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> <li>• 1 — The function succeeded.</li> <li>• 0 — The function failed.</li> </ul>	1

▼ [LeechProtect](#)

LeechProtect:: [set  
up](#)

▼ [Locale](#)

Locale:: [get\\_encod  
ing](#)  
 Locale:: [get\\_html\\_  
dir\\_attr](#)  
 Locale:: [get\\_locale  
\\_name](#)  
 Locale:: [get\\_user\\_  
ocale](#)  
 Locale:: [get\\_user\\_  
ocale\\_name](#)  
 Locale:: [numf](#)

▼ [Logaholic](#)

Logaholic:: [adduse  
r](#)  
 Logaholic:: [adduse  
rprofile](#)  
 Logaholic:: [deleteu  
ser](#)  
 Logaholic:: [deleteu  
serprofile](#)  
 Logaholic:: [edituse  
r](#)  
 Logaholic:: [fetchu  
ser](#)  
 Logaholic:: [listuser  
profiles](#)  
 Logaholic:: [logahol](#)



iclink

Logaholic:: proces  
sstats

▼ Mime

Mime:: list\_hotlinks

Mime:: listhandlers

Mime:: listmime

Mime:: listredirects

Mime:: redirectna  
me

Mime:: redirecturln  
ame

▼ MysqlFE

MysqlFE:: authoriz  
ehost

MysqlFE:: change  
dbuserpassword

MysqlFE:: created  
b

MysqlFE:: created  
buser

MysqlFE:: dbusere  
xists

MysqlFE:: deautho  
rizehost

MysqlFE:: deleted  
b

MysqlFE:: deleted  
buser

MysqlFE:: getalldb  
sinfo

MysqlFE:: getalldb  
usersanddbs

MysqlFE:: getdbus  
erprivileges

MysqlFE:: getdbus  
ers

MysqlFE:: gethosts

MysqlFE:: getmys  
qlprivileges

MysqlFE:: getmys  
qlserverprivileges

MysqlFE:: has\_my  
cnf\_for\_cpuser

MysqlFE:: listdbs

MysqlFE:: listdbsb  
ackup

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers

indb

MysqlFE:: revoked  
buserprivileges

MysqlFE:: setdbu  
erprivileges

MysqlFE:: userdbp  
rivs

▼ MysqlOptimizer

MysqlOptimizer:: f  
etch\_slow\_queries

▼ NVData

NVData:: get

NVData:: set

NVData:: setall

▼ Net

Net:: dnszone

Net:: traceroute

▼ News

News:: does\_news  
\_exist

News:: does\_news  
\_type\_exist

News:: get\_news

▼ PHPINI

PHPINI:: getallopti  
ons

PHPINI:: getoption  
s

▼ Park

Park:: listaddondo  
mains

Park:: listparkeddo  
mains

Park:: park

Park:: unpark

▼ Passwd

Passwd:: change\_  
password

Passwd:: set\_dige  
st\_auth

▼ PasswdStrength

PasswdStrength::  
appstrengths

PasswdStrength::  
get\_password\_stre  
ngth

PasswdStrength::  
get\_required\_stren  
gth

▼ Postgres

Postgres:: listdbs

Postgres:: listusers

Postgres:: listusers  
indb

Postgres:: userexists

▼ Rand

Rand:: getranddata

▼ Resellers

Resellers:: get\_sub\_accounts

▼ RoR

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

SetLang:: setlocale

▼ SourceIPCheck

SourceIPCheck:: addip

SourceIPCheck:: delip

SourceIPCheck:: getaccount

SourceIPCheck:: listips

SourceIPCheck:: loadsecquestions

SourceIPCheck:: resetsecquestions

SourceIPCheck:: samplequestions

SourceIPCheck:: savequestions

▼ SPFUI

SPFUI:: available

SPFUI:: count\_settings

SPFUI:: entries\_complete

SPFUI:: get\_raw\_record

SPFUI:: getmainserverip

SPFUI:: install

SPFUI:: installed

SPFUI:: list\_settings

SPFUI:: load\_current\_values

SPFUI:: uninstall

#### ▼ SSH

SSH:: authkey

SSH:: converttopk

SSH:: delkey

SSH:: fetchkey

SSH:: genkey

SSH:: genkey\_legacy

SSH:: importkey

SSH:: listkeys

#### ▼ SSL

SSL:: fetchcertificate

SSL:: fetchinfo

SSL:: genctr

SSL:: gencsr

SSL:: genkey

SSL:: getcnname

SSL:: installssl

SSL:: listcrts

SSL:: listcsrs

SSL:: listkeys

SSL:: listsslitems

SSL:: uploadcrt

SSL:: uploadkey

#### ▼ SSLInfo

SSLInfo:: fetchinfo

#### ▼ StatCache

StatCache:: clearcache

▼ Stats

- Stats:: getmonthly bandwidth
- Stats:: getmonthly domainbandwidth
- Stats:: getthismont hsbwusage
- Stats:: lastapache hits
- Stats:: lastvisitors
- Stats:: listanalog
- Stats:: listawstats
- Stats:: listlastvisitors
- Stats:: listrawlogs
- Stats:: listurchin
- Stats:: listwebalizer

▼ StatsBar

- StatsBar:: getrowcounter
- StatsBar:: rowcounter
- StatsBar:: setrowcounter
- StatsBar:: stat

▼ SubDomain

- SubDomain:: adds ubdomain
- SubDomain:: changedocroot
- SubDomain:: delsubdomain
- SubDomain:: getservedsubdomains
- SubDomain:: listsubdomains
- SubDomain:: validregex

▼ Themes

- Themes:: apply\_new\_theme
- Themes:: does\_cpanel\_theme\_exist
- Themes:: get\_available\_themes
- Themes:: get\_themes\_list
- Themes:: restore\_saved\_theme

▼ UI

- UI:: dynamicincludelist
- UI:: includelist
- UI:: listform
- UI:: paginate
- UI:: paginate\_list

▼ UserHttpUtils

- UserHttpUtils:: getdirindices

▼ WebDisk

- WebDisk:: addwebdisk
- WebDisk:: delwebdisk
- WebDisk:: hasdigest
- WebDisk:: listwebdisks
- WebDisk:: passwdwebdisk
- WebDisk:: set\_digest\_auth
- WebDisk:: set\_homedir
- WebDisk:: set\_perms
- WebDisk:: setstatus

▼ WebmailApps

- WebmailApps:: listwebmailapps

▼ ZoneEdit

- 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

