

# cPanel API 2 Functions - SSH::genkey\_legacy

Guide to cPanel API 2

Return Data

Filter and Sort Output

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Output Columns

Calls from the WHM API

cPanel Tags  
(**deprecated**)

## Description

This function generates an SSH key. The new SSH key will appear in the user's `.ssh` directory.

### Warnings:

- We **strongly** recommend that you use the `SSH::genkey` function instead of this one.
- In cPanel & WHM version 78, we redirected this function to the `SSH::genkey` function. The function will no longer return HTML-formatted text.
- We **strongly** recommend that you use `UAPI` instead of cPanel API 2. However, no equivalent UAPI function exists.

AddonDomain:: adddondomain

omain

AddonDomain:: deladdondomain

AddonDomain:: listaddondomains

### Backups

Backups:: listfullbackups

### Bandwidth

Bandwidth:: addhttpbandwidth

Bandwidth:: getbwdata

Bandwidth:: gethourlyaveragebwoveryear

### BoxTrapper

BoxTrapper:: accountmanagelist

### Branding

Branding:: addbrandingobj

Branding:: applist

Branding:: brandingeditor

Branding:: createpkg

Branding:: cssmerge

Branding:: delbrandingobj

Branding:: delpkg

Branding:: gensprites

## Examples

AddonDomain

### WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=SSH&cpanel_jsonapi_func=genkey_legacy&bits=1024&name=user&pass=12345luggage&type=rsa
```

### Note:

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

## Function information

## About this module

The `SSH` module manages SSH keys.

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:: resolvefile

Branding:: resolveocalcss

Branding:: saveocalcss

Branding:: setbrandingpkgstatus

Branding:: showpkgs

Branding:: spritelist

#### ▼ CSVImport

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

CSVImport:: uploadimport

#### ▼ LiveAPI PHP Class

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

```
// Generate an SSH  
key for "user"  
$gen_keys =  
$cpanel->api2(  
    'SSH',  
    'genkey_legacy',  
    array(  
        'bits' =>  
        '1024',  
        'name' =>  
        'user',  
        'pass' =>  
        '12345luggage',  
        'type' =>  
        'rsa',  
    )  
);
```

**Note:**

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

## About cPanel API 2

cPanel API 2 accesses and modifies data for cPanel accounts.

**Notes:**

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or  
20  
).`  
20  
or  
20  
).

## Find a function

-

- Contactus:: isenab led
    - 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
  - Denylp:: listdenylps
  - DiskCounter:: disk\_counter
  - DiskUsage:: buildcache
    - DiskUsage:: clearcache
    - DiskUsage:: fetch\_raw\_disk\_usage
    - DiskUsage:: fetchdiskusage
    - DiskUsage:: fetchdiskusagewithextras

## LiveAPI Perl Module

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

# Generate an SSH key
for "user"
my $gen_keys =
$cpliveapi->api2(
'SSH',
'genkey_legacy',
{
'bits' =>
'1024',
'name' =>
'user',
'pass' =>
'12345luggage',
'type' =>
'rsa',
}
);
```

### 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.

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

### ▼ DnsLookup

DnsLookup:: name  
2ip

### ▼ DomainLookup

DomainLookup:: c  
ountbaseddomains

DomainLookup:: g  
etbaseddomains

DomainLookup:: g  
etdocroot

DomainLookup:: g  
etdocroots

DomainLookup:: g  
etmaindomain

### ▼ Email

Email:: accountna  
me

Email:: adddomain  
forward

Email:: addforward

Email:: addmx

Email:: addpop

Email:: browsebox  
es

Email:: changemx

Email:: checkmain  
discard

Email:: clearpopca  
che

Email:: deletefilter

Email:: delforward

Email:: delmx

Email:: delpop

Email:: disablefilter

Email:: editquota

Email:: enablefilter

Email:: fetchautore  
sponder

Email:: fetchcharm  
aps

Email:: filteractions

Email:: filterlist

Email:: filtername

Email:: filterrules

Email:: get\_archivi  
ng\_configuration

Email:: get\_archivi  
ng\_default\_configu

### ▼ Command Line

```
cpapi2  
--user=username SSH  
genkey_legacy  
bits=1024 name=user  
pass=12345luggage  
type=rsa
```

#### 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/bi  
n/cpapi2
```

### ▼ Output (JSON) cPanel version 76 and earlier

```
{Renaming existing  
key by same name to  
/home/example/.ssh/id  
_dsa.1415314678<br />  
Generating  
public/private dsa  
key pair.<br />  
Enter passphrase  
(empty for no  
passphrase): <br />  
Enter same passphrase  
again: <br />  
Your identification  
has been saved in  
/home/example/.ssh/id  
_dsa.<br />  
Your public key has  
been saved in  
/home/example/.ssh/id  
_dsa.pub.<br />  
The key fingerprint
```

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

ration  
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: listaliasesbackups  
Email: listautoresponders  
Email: listdefaultaddresses  
Email: listdomainforwards  
Email: listfilterbackups  
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

```
is:<br />
3f:0c:f4:9f:70:38:8b:
55:78:1a:03:9e:fd:29:
eb:00 <br />
The key's
randomart image
is:<br />
+--[ DSA
1024]-----+<br />
|          .
|<br />
|          . + .
|<br />
|          + = o
|<br />
|          . . O .
|<br />
|          E S O +
|<br />
|          . * O .
|<br />
|          o * o
|<br />
|          o .
|<br />
|          .
|<br />
+-----+<br />
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
"genkey_legacy",
    "data": [

    ],
    "event": {
      "result": 1
    },
    "module": "SSH"
```

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

Fileman:: savefile

```
}
}
```

▼ Output (JSON) cPanel version 78 and later

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func": "genkey",
    "data": [
      {
        "reason":
          "Generating
          public/private rsa
          key pair.\nEnter
          passphrase (empty for
          no passphrase):
          \nEnter same
          passphrase again:
          \nYour identification
          has
          been saved in
          /home/example/.ssh/us
          er.\nYour public key
          has been saved
          in
          /home/example/.ssh/us
          er.pub.\nThe key
          fingerprint
          is:\n89:7b:05:97:f7:9
          3:ef:66:95:48:d3:de:e
          1:0d:21:3f \nThe
          key's
          randomart image
          is:\n+--[ RSA
          1024]-----+\n|
          |\n|
          |\n|
          |\n|
          . S . . Oo=|\n|
          . . . *+|\n|
          . . . o|\n|
          .
          .o|\n|
          o.|\n+-----+
          ---+",
        "result": 1
      }
    ]
  }
}
```

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:: listftpessions  
Ftp:: listftpwithdisk  
Ftp:: passwd  
Ftp:: setquota

▼ Gpg  
Gpg:: listgpgkeys  
Gpg:: listsecretgpgkeys  
Gpg:: number\_of\_private\_keys  
Gpg:: number\_of\_public\_keys

▼ Htaccess  
Htaccess:: listusers  
Htaccess:: listusers

▼ HttpUtils  
HttpUtils:: getdirindices

▼ ImageManager  
ImageManager:: thumbnail

▼ LVEInfo  
LVEInfo:: getUsage

▼ LangMods  
LangMods:: getarcname  
LangMods:: getkey

```
],  
"event": {  
  "result": 1  
},
```

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

▼ LeechProtect

LeechProtect:: set  
up

▼ Locale

Locale:: get\_encod  
ing

Locale:: get\_html\_  
dir\_attr

Locale:: get\_locale  
\_name

Locale:: get\_user\_  
locale

Locale:: get\_user\_  
locale\_name

Locale:: numf

▼ Logaholic

Logaholic:: adduse  
r

Logaholic:: adduse  
rprofile

Logaholic:: deleteu  
ser

Logaholic:: deleteu  
serprofile

Logaholic:: edituse  
r

Logaholic:: fetchus  
er

Logaholic:: listuser  
profiles

Logaholic:: logahol  
iclink

```

    "module": "SSH"
  }
}

```

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

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

## Parameters

Parameter	Type	Description	Possible values	Example
bits	string	The SSH key's level of encryption.	A positive integer of 1024 or more.	1024



- Logaholic:: proces sstats
- ▼ Mime
  - Mime:: list\_hotlinks
  - Mime:: listhandlers
  - Mime:: listmime
  - Mime:: listredirects
  - Mime:: redirectname
  - Mime:: redirecturlname
- ▼ MySQLFE
  - MySQLFE:: authorizehost
  - MySQLFE:: change\_dbuserpassword
  - MySQLFE:: createdb
  - MySQLFE:: createdbuser
  - MySQLFE:: dbuserexists
  - MySQLFE:: deauthorizehost
  - MySQLFE:: deletedb
  - MySQLFE:: deletedbuser
  - MySQLFE:: getalldbinfo
  - MySQLFE:: getalldbusersanddbs
  - MySQLFE:: getdbserverprivileges
  - MySQLFE:: getdbusers
  - MySQLFE:: gethosts
  - MySQLFE:: getmysqlprivileges
  - MySQLFE:: getmysqlserverprivileges
  - MySQLFE:: has\_my\_cnf\_for\_cpuser
  - MySQLFE:: listdbs
  - MySQLFE:: listdbsbackup
  - MySQLFE:: listhosts
  - MySQLFE:: listusers
  - MySQLFE:: listusersindb

name	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>	
pass	string	The SSH key's password.	A secure string of four characters or more.	123451uggage

- 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

type	string	The SSH key's encryption method for authentication.	<ul style="list-style-type: none"> <li>• dsa</li> <li>• rsa</li> </ul> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p><b>Note</b> : This parameter defaults to rsa.</p> </div>	rsa
------	--------	---	--	-----

## Returns (Version 76 and earlier)

Return	Type	Description	Possible values	Example
reason	string	A reason for failure.  <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p><b>Note</b> : This function only returns a reason value if it failed.</p> </div>	A string that describes the error.	This is an error message.
result	Boolean	Whether the function succeeded.	<ul style="list-style-type: none"> <li>• 1 — The function succeeded.</li> <li>• 0 — The function failed.</li> </ul>	1

## Returns (Version 78 and later)

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

- 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:: savesecquestions
- ▼ SPFU
  - SPFU:: available
  - SPFU:: count\_settings

reason	<i>string</i>	The raw response from the function.	A string that contains the fingerprint and file location.
			<p>▼ <a href="#">Click to view...</a></p> <pre> Generating public/private rsa key pair.\nEn ter passphra se (empty for no passphra se): \nEnter same passphra se again: \nYour identifi cation has been saved in /home/ex ample/.s sh/user. \nYour public key has been saved in /home/ex ample/.s sh/user. pub.\nTh e key fingerpr int is:\n89: 7b:05:97 :f7:93:e f:66:95: 48:d3:de :e1:0d:2 1:3f \nThe key's randomar t image is:\n+-- [ RSA 1024]--- -\n   \n  . . .  \n  . o .o..  \n  . + . +E+  \n  . S . . Oo= \n  . . . *+ \n  . . o \n  . .o \n  o. \n+-- -----+ " </pre>

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:: getcname  
 SSL:: installssl  
 SSL:: listcerts  
 SSL:: listcsrs  
 SSL:: listkeys  
 SSL:: listsslitems  
 SSL:: uploadcert  
 SSL:: uploadkey

▼ SSLInfo

SSLInfo:: fetchinfo

▼ StatCache

StatCache:: clearcache

▼ Stats

Stats:: getmonthly

reason	string	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	Boolean	Whether the function succeeded.	<ul style="list-style-type: none"> <li>1 — The function succeeded.</li> <li>0 — The function failed.</li> </ul>	1

bandwidth

Stats:: getmonthly  
domainbandwidth

Stats:: getthismont  
hsbwusage

Stats:: lastapache  
hits

Stats:: lastvisitors

Stats:: listanalog

Stats:: listawstats

Stats:: listlastvisito  
rs

Stats:: listrawlogs

Stats:: listurchin

Stats:: listwebalize  
r

▼ StatsBar

StatsBar:: getrowc  
ounter

StatsBar:: rowcoun  
ter

StatsBar:: setrowc  
ounter

StatsBar:: stat

▼ SubDomain

SubDomain:: adds  
ubdomain

SubDomain:: chan  
gedocroot

SubDomain:: delsu  
bdomain

SubDomain:: getre  
servedsubdomains

SubDomain:: listsu  
bdomains

SubDomain:: validr  
egex

▼ Themes

Themes:: apply\_n  
ew\_theme

Themes:: does\_cp  
anel\_theme\_exist

Themes:: get\_avail  
able\_themes

Themes:: get\_the  
mes\_list

Themes:: restore\_  
saved\_theme

▼ UI

UI:: dynamicinclud  
elist

UI:: includelist

UI:: listform

UI:: paginate

UI:: paginate\_list

▼ UserHttpUtils

UserHttpUtils:: get  
dirindices

▼ WebDisk

WebDisk:: addweb  
disk

WebDisk:: delweb  
disk

WebDisk:: hasdige  
st

WebDisk:: listwebd  
isks

WebDisk:: passwd  
webdisk

WebDisk:: set\_dig  
est\_auth

WebDisk:: set\_ho  
mdir

WebDisk:: set\_per  
ms

WebDisk:: setstatu  
s

▼ WebmailApps

WebmailApps:: list  
webmailapps

▼ ZoneEdit

ZoneEdit:: add\_zo  
ne\_record

ZoneEdit:: edit\_zo  
ne\_record

ZoneEdit:: fetch\_c  
panel\_generated\_  
domains

ZoneEdit:: fetchzo  
ne

ZoneEdit:: fetchzo  
ne\_records

ZoneEdit:: fetchzo  
nes

ZoneEdit:: get\_zon  
e\_record

ZoneEdit:: remove  
\_zone\_record

ZoneEdit:: resetzo  
ne

