

# cPanel API 2 Functions - Cron::edit\_line

## Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain:: adddondomain

omain

AddonDomain:: listaddondomain

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

## Description

This function edits a crontab entry.

### 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=Cron&cpanel_jsonapi_func=add_line&linekey=c5e242023f60e1bd37110687338e9e8d&command=/usr/bin/perl%20/home/username/happynewyear.pl&day=1&hour=0&minute=0&month=1&weekday=*
```

### Note:

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

Function information

About this module

Branding:: gensprites

Branding:: getbrandingpkg

Branding:: getbrandingpkgstatus

Branding:: getdefaultbrandingpkg

Branding:: installbrandingpkgs

Branding:: installimages

Branding:: killimages

Branding:: listingtypes

Branding:: listobjecttypes

Branding:: preloadconf

Branding:: resetall

Branding:: resetscripts

Branding:: resethtml

Branding:: resolvefile

Branding:: resolvelocalcss

Branding:: savelocalcss

Branding:: setbrandingpkgstatus

Branding:: showpackages

Branding:: spritelist

#### LiveAPI PHP Class

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

#### LiveAPI PHP Class

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

// Edit the crontab
entry with the
"c5e242023f60e1bd3711
0687338e9e8d"
linekey.
$edit_crontab =
$cpanel->api2(
    'Cron',
    'edit_line',
    array(
        'linekey'
    =>
        'c5e242023f60e1bd3711
0687338e9e8d',
        'command'
    =>
        '/usr/bin/perl/home/u
sername/happynewyear.
pl',
        'day'
    => '1',
        'hour'
    => '0',
        'minute'
    => '0',
        'month'
    => '1',
        'weekday'
    => '*',
    )
);
```

#### Note:

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

The Cron module manages the cron daemon.

## About cPanel API 2

cPanel API 2 accesses and modifies data for cPanel accounts.

#### Notes:

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- Ur *mu* us
- 20 or 20
- ).` 20 or 20
- ).

## 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:: contactrefs
    - 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

## LiveAPI Perl Module

```

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

# Edit the crontab
entry with the
"c5e242023f60e1bd3711
0687338e9e8d"
linekey.
my $dick_clark =
$cpliveapi->api2(
'Cron',
'edit_line', {
'linekey'
=>
'c5e242023f60e1bd3711
0687338e9e8d',
'command'
=>
'/usr/bin/perl/home/u
sername/happynewyear.
pl',
'day'
=> '1',
'hour'
=> '0',
'minute'
=> '0',
'month'
=> '1',
'weekday'
=> '*',
}
);

```

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

- cPanel API 2 Functions - Cron::listcron - This function lists all cron jobs.
- cPanel API 2 Functions - Cron::fetchcron - This function lists all of the account's cron jobs.
- cPanel API 2 Functions - Cron::add\_line - This function adds a cron entry.

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

### ▼ 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.

### ▼ Command Line

```
cpapi2
--user=username Cron
edit_line
linekey=c5e242023f60e1bd37110687338e9e8d
command=%2Fusr%2Fbin%2Fperl%2Fhome%2Fusername%2Fhappynewyear.pl
day=1 hour=0 minute=0
month=1 weekday=*
```

#### 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 Functions - Cron::remove\_line - This function removes a cron entry.

Email: get\_archiving\_default\_configuration

Email: get\_archiving\_types

Email: get\_default\_email\_quota

Email: get\_email\_signing

Email: get\_max\_email\_quota

Email: gettabsbrowserdir

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

Email: listfilters

Email: listforwards

Email: listlists

Email: listmaildomains

Email: listmx

Email: listmxs

Email: listpops

Email: listpopssingle

Email: listpopswithdisk

Email: listpopswithimage

Email: loadfilter

Email: passwdpop

## Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "add_line",
    "data": [
      {
        "linekey":
        "c5e242023f60e1bd3711
        0687338e9e8d",
        "statusmsg":
        "crontab installed",
        "status": 1
      }
    ],
    "event": {
      "result": 1
    },
    "module": "Cron"
  }
}
```

### Note:

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

## Parameters

### Important:

You **must** specify either the `commandlinenumber` **or** the `linekey` parameter.

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

commandlinenumber	integer	The line of the cron entry to edit.  <b>Note</b> : Use the cPanel API 2 Cron:listen function to determine the correct line.	Any positive integer.	2
linekey	string	The linekey of the cron entry to edit.  <b>Note</b> : Use the cPanel API 2 Cron:listen function to determine the correct linekey.	A valid string.	c5e242023f60e1bd37110687338e9e8d
weekday	string	<b>Required</b> The day of the week on which the cron job runs.	<ul style="list-style-type: none"> <li>• 0 — Sunday.</li> <li>• 1 — Monday.</li> <li>• 2 — Tuesday.</li> <li>• 3 — Wednesday.</li> <li>• 4 — Thursday.</li> <li>• 5 — Friday.</li> <li>• 6 — Saturday.</li> <li>• * — Every day.</li> </ul>	0

- 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:: 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:: getarchname

minute	string	<b>Required</b> The minute of the hour on which the cron job runs.	An integer between 0 and 59. <ul style="list-style-type: none"> <li>• * — Once per minute.</li> <li>• */2 — Every other minute.</li> <li>• */10 — Every 10 minutes.</li> <li>• 0, 30 — Every 30 minutes.</li> </ul>	0
hour	string	<b>Required</b> The hour of the day on which the cron job runs.	An integer between 0 and 23. <ul style="list-style-type: none"> <li>• * — Every hour.</li> <li>• */2 — Every other hour.</li> <li>• 0, 12 — Every 12 hours.</li> </ul>	1
day	string	<b>Required</b> The day of the month on which the cron job runs.	An integer between 1 and 31. <ul style="list-style-type: none"> <li>• * — Every day.</li> <li>• */2 — Every other day.</li> <li>• 0, 15 — On the 1st and 15th of the month.</li> </ul>	1
month	string	<b>Required</b> The month of the year on which the cron job runs.	An integer between 1 and 12. <ul style="list-style-type: none"> <li>• * — Every month.</li> <li>• */2 — Every other month.</li> <li>• 0, 6 — Every 6 hours.</li> </ul>	1
command	string	<b>Required</b> The command to run.	A valid string.	/usr/bin/perl/home/username/happynewyear.pl

## Returns

Return	Type	Description	Possible values	Example
linekey	string	A unique ID for the line in the crontab file.	A random string.	c5e242023f60e1bd37110687338e9e8d
statusmsg	string	The status of the crontab file	A valid string.	crontab installed

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](#)

▼ [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:: [fetchus  
er](#)

Logaholic:: [listuser  
profiles](#)

Logaholic:: [logahol](#)

status	<i>Boolean</i>	The status of the function.	<ul style="list-style-type: none"> <li>• 1 — The function succeeded.</li> <li>• 0 — The function failed.</li> </ul>	1
reason	<i>string</i>	A reason for failure.	<div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> <p><b>Note</b> : This function only returns a reason value if it failed.</p> </div>	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



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:: savesecquestions

▼ 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\_home\_dir
- 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

