

# cPanel API 2 Functions - Bandwidth::addhttpbandwidth

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain::addaddondomain

domain

AddonDomain::deladdondomain

AddonDomain::listaddondomains

## Backups

Backups::listfullbackups

## Bandwidth

Bandwidth::addhttpbandwidth

Bandwidth::getbwdata

Bandwidth::gethourlyaveragebwoveryear

## BoxTrapper

BoxTrapper::accountmanagerlist

## Branding

Branding::addbrandingobj

Branding::applist

Branding::brandingeditor

Branding::createpkg

Branding::cssmerge

Branding::delbrandingobj

Branding::delpkg

Branding::gensprites

## Description

This function adds bandwidth to an account.

### Warning:

We removed this function in cPanel & WHM version 11.52. We **strongly** recommend that you use the following UAPI function instead of this function:

- `Bandwidth::query` — This function queries an account's bandwidth data and returns a report.

### Important:

In cPanel & WHM version 76 and later, when you disable the `WebServer` role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

AddonDomain

## Examples

### WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=Bandwidth&cpanel_jsonapi_func=addhttpbandwidth&bytes=672&domain=colin.com
```

### Note:

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

## Function information

## About this module

The `Bandwidth` module retrieves a domain's bandwidth data.

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:: showpackages

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.  
  
// Add HTTP bandwidth  
for example.com.  
$add_bandwidth =  
$cpanel->api2(  
    'bandwidth',  
    'addhttpbandwidth',  
    array(  
        'bytes' =>  
        '672',  
        'domain' =>  
        'example.com',  
    )  
);
```

#### 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.

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## 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
  - DenyIp:: listdenypis
  - 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.

# Add HTTP bandwidth
for example.com.
my $add_bandwidth =
$cpliveapi->api2(
'Bandwidth',
'addhttpbandwidth',
{
'bytes' =>
'672',
'domain' =>
'example.com',
}
);

```

**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.

## Command Line

**Important:**  
Because we removed this function before we introduced this functionality, you **cannot** call this function via the command line.

- cPanel API 2 Functions - Bandwidth::getbwdata — This function queries a Round Robin Database (RRD) dataset for your account's bandwidth data.
- cPanel API 2 Functions - Bandwidth::gethourlyaveragebwoveryear — This function returns an account's average hourly peak bandwidth use for one year.

- 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
  - Email:: clearpopcache
  - Email:: deletefilter
  - Email:: delforward
  - Email:: delmx
  - Email:: delpop
  - Email:: disablefilter
  - Email:: editquota
  - Email:: enablefilter
  - Email:: fetchautoreponder
  - Email:: fetchcharmaps
  - Email:: filteractions
  - Email:: filterlist
  - Email:: filtername
  - Email:: filterrules
  - Email:: get\_archiving\_configuration
  - Email:: get\_archiving\_default\_configu

### Output (JSON)

```

{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "addhttpbandwidth",
    "data": [
      {
        "reason":
        "Bandwidth added for
        processing.",
        "result": 1
      }
    ],
    "event": {
      "result": 1
    },
    "module":
    "Bandwidth"
  }
}

```

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

- cPanel API 2 Modules - Bandwidth - The Bandwidth module retrieves a domain's bandwidth data.
- cPanel API 2 Functions - Bandwidth::addhttpbandwidth - This function adds bandwidth to an account.

### Parameters

Parameter	Type	Description	Possible values	Example
bytes	integer	<b>Required</b> The bandwidth amount.	Any positive integer between 1 and 2^64.	672
domain	string	<b>Required</b> The domain's name.	A valid domain name.	example.com

### Returns

Return	Type	Description	Possible values	Example
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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: `listpopswitdisk`

Email: `listpopswithimage`

Email: `loadfilter`

Email: `passwdpop`

Email: `reorderfilters`

reason	<i>string</i>	A message of success of a reason for failure.	<ul style="list-style-type: none"><li>• A message of success.</li><li>• An error message.</li></ul>	Bandwidth added for processing.
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

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

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:: getarcname

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  
iclink

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:: getalldb  
sinfo

MysqlFE:: getalldb  
usersanddbs

MysqlFE:: getdatabases  
privileges

MysqlFE:: getdatabases

MysqlFE:: gethosts

MysqlFE:: getmysql  
privileges

MysqlFE:: getmysql  
serverprivileges

MysqlFE:: has\_my  
cnf\_for\_cpuser

MysqlFE:: listdbs

MysqlFE:: listdbsb  
ackup

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers  
indb

MysqlIFE:: revoked  
buserprivileges

MysqlIFE:: setdbus  
erprivileges

MysqlIFE:: 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:: userexi  
sts

▼ Rand

Rand:: getranddat  
a

▼ Resellers

Resellers:: get\_su  
b\_accounts

▼ RoR

RoR:: addapp

RoR:: changeapp

RoR:: importrails

RoR:: listapps

RoR:: listrewrites

RoR:: needsimport

RoR:: removeapp

RoR:: removerewri  
te

RoR:: restartapp

RoR:: setuprewrite

RoR:: softrestartap  
p

RoR:: startapp

RoR:: stopapp

▼ SetLang

SetLang:: setlocale

▼ SourceIPCheck

SourceIPCheck:: a  
ddip

SourceIPCheck:: d  
elip

SourceIPCheck:: g  
etaccount

SourceIPCheck:: li  
stips

SourceIPCheck:: l  
oadsecquestions

SourceIPCheck:: r  
esetsecquestions

SourceIPCheck:: s  
amplequestions

SourceIPCheck:: s  
avesecquestions

▼ SPFUJ

SPFUJ:: available

SPFUJ:: count\_sett  
ings

SPFUI:: entries\_co  
mplete

SPFUI:: get\_raw\_r  
ecord

SPFUI:: getmainse  
rverip

SPFUI:: install

SPFUI:: installed

SPFUI:: list\_settin  
gs

SPFUI:: load\_curr  
ent\_values

SPFUI:: uninstall

▼ SSH

SSH:: authkey

SSH:: converttopp  
k

SSH:: delkey

SSH:: fetchkey

SSH:: genkey

SSH:: genkey\_leg  
acy

SSH:: importkey

SSH:: listkeys

▼ SSL

SSL:: fetchcabundl  
e

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:: clearc  
ache

▼ Stats

Stats:: getmonthly

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

