

# cPanel API 1 Functions - Bandwidth::displaybw

## Guide to cPanel API 1

Return Data

cPanel Tags  
(deprecated)

Bandwidth:  
displaybwheader

er

Bandwidth::displaybw

Bandwidth::displayday

Bandwidth::displaymainbwhheader

### ▼ BoxTrapper

BoxTrapper::change status

BoxTrapper::cleanconfigfilelist

BoxTrapper::editmsg

BoxTrapper::fetchconfigfile

BoxTrapper::getboxconfdir

BoxTrapper::listmsgsgs

BoxTrapper::logcontrols

BoxTrapper::messageaction

BoxTrapper::multimessageaction

BoxTrapper::resetmsg

BoxTrapper::saveconfigfile

BoxTrapper::saveconf

BoxTrapper::showautowhitelist

BoxTrapper::showemails

BoxTrapper::showfromname

BoxTrapper::showlog

## Description

This function generates bandwidth data for the specified day.

### Warning:

cPanel API 1 is **deprecated**. Do not use this function. Instead, we **strongly** recommend that you use the following newer function:

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

## Examples

### ▼ LiveAPI PHP Class

```
$cpanel = new  
CPANEL(); // Connect  
to cPanel - only do  
this once.  
$bandwidth_data =  
$cpanel->api1('Bandwidth', 'displaybw',  
array('example.com',  
'example.com', 'jan',  
'2014',  
'subdomain.example.com') ); // Call the  
function.
```

### Note:

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

## Function information

## About this module

The Bandwidth module accesses a cPanel account's bandwidth usage data.

## About cPanel API 1

cPanel API 1 accesses information about cPanel accounts.

```
BoxTrapper:: show
message

BoxTrapper:: show
queue

BoxTrapper:: show
queuesearch

BoxTrapper:: show
queuetime

BoxTrapper:: statu
s

BoxTrapper:: statu
sbutton
```

▼ Branding

```
Branding:: file

Branding:: image

Branding:: killing

Branding:: setbran
dingpkg

Branding:: setmya
cctspkg

Branding:: setupdir
s

Branding:: tempset
brandingpkg
```

▼ Cgi

```
Cgi:: backuplink

Cgi:: displayurchin

Cgi:: phpmyadminl
ink
```

▼ Chkservd

```
Chkservd:: getexi
mport

Chkservd:: getexi
mport_ssl
```

▼ ClamScanner

```
ClamScanner:: bar
s
```

▼ cPAddons

```
cPAddons:: mainp
g
```

▼ Cron

```
Cron:: crontab_per
ms
```

▼ CustInfo

```
CustInfo:: getemail
```

▼ Denylp

```
Denylp:: adddenyi
p

Denylp:: deldenyip

Denylp:: listdenyi
ps
```

▼ LiveAPI Perl Module

```
my $cpliveapi =
Cpanel::LiveAPI->new(
); # Connect to
cPanel - only do this
once.
my $bandwidth_data =
$cpliveapi->apil('Ban
dwidth', 'displaybw',
['example.com',
'example.com', 'jan',
'2014',
'subdomain.example.co
m'] ); # Call the
function.
```

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

▼ cPanel Tag System (deprecated)

**Warning:**  
In cPanel & WHM version 11.30 and later, cPanel tags are **deprecated**. We provide this example to help developers move from the old cPanel tag system to our [LiveAPI](#) system. We **strongly** recommend that you **only** use the LiveAPI system to call the cPanel APIs.

```
<cpanel
Module="Bandwidth::di
splaybw(
$FORM('domain','targe
t','month','year','su
bd') )">
```

**Warning:**  
cPanel API **deprecate**. We **strongly** recommend [cPanel API](#) or [UAPI](#) instead.

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## ▼ DiskUsage

DiskUsage:: show manager

## ▼ Email

Email:: addautoresponder

Email:: addforward

Email:: addfilter

Email:: addlist

Email:: addmx

Email:: addpop

Email:: addspam

Email:: addspambox

Email:: addspamfilter

Email:: changemx

Email:: checkfastmail

Email:: checkpipeforward

Email:: clearspambox

Email:: delautoresponder

Email:: deldforward

Email:: delfilter

Email:: dellist

Email:: delmx

Email:: delpop

Email:: delspam

Email:: delspambox

Email:: disable\_spam\_autodelete

Email:: editquota

Email:: enable\_spam\_autodelete

Email:: getaging

Email:: getarsbody

Email:: getarscharset

Email:: getarsfrom

Email:: getarshtml

Email:: getarsinterval

## ▼ Command Line

```
cpapil
--user=username
Bandwidth displaybw
example.com
example.com jan 2014
subdomain.example.com
```

### Notes:

- You **must** URI-encode these values.
- username represents your account-level username.
- For more information and additional output options, read our [Guide to cPanel API 1](#) documentation or run the `cpapil --help` command.
- If you run CloudLinux™, you **must** use the full path of the `cpapil` command:

```
/usr/local
/cpanel/bin/cpapil
```

- cPanel API 1 Functions - Bandwidth::display — This function generates bandwidth graphs for the specified day.
- cPanel API 1 Functions - Bandwidth::displayainbheader — This function generates bandwidth graphs for the current day, week, and year.

Email: getarsstart  
 Email: getarsstop  
 Email: getarssubject  
 Email: getmailserver  
 Email: getmailserveruser  
 Email: getpopquota  
 Email: has\_spam\_as\_acl  
 Email: has\_spam\_autodelete  
 Email: listmaildomains  
 Email: listmaildomainsopt  
 Email: listmaildomainsoptndef  
 Email: mainacctdiskused  
 Email: passwdlist  
 Email: passwdpop  
 Email: setmxaccept  
 Email: spamboxstatus  
 Email: spamstatus  
 Email: tracefilter

Fileman

Fileman: changeperm  
 Fileman: delfile  
 Fileman: dofileop  
 Fileman: emptytrash  
 Fileman: extractfile  
 Fileman: fileimg  
 Fileman: fmmkdir  
 Fileman: fmmkfile  
 Fileman: fmpushfile  
 Fileman: fmrename  
 Fileman: fmsavefile  
 Fileman: fmsaveht

Output (HTML)

```
<td align="center"
class="bwtdh1">
<b>1</b>
</td>
<td
class="bwtd1">91</td>
<td
class="bwtd1">1.65</td>
<td
class="bwtd1">0.00</td>
<td
class="bwtd1">0.00</td>
<td
class="bwtd1">0.00</td>
<td
class="bwtd1">6.26</td>
</tr>
```

Parameters

Parameter	Type	Description	Possible values	Example
domain	string	<b>Required</b> The domain name.	A valid domain.	example.com
target	string	<b>Required</b> The domain name.	The domain return's value. <b>Important:</b> This value must match the domain value.	example.com
tmonth	string	<b>Required</b> The month for which to retrieve bandwidth data.	The first three letters of a month's name, in English.	jan

- cPanel API 1 Modules - Bandwidth — The Bandwidth module accesses a cPanel account's bandwidth usage data.
- cPanel API 1 Functions - Bandwidth::display — This function generates bandwidth data for the specified day.

[mfile](#)  
 Fileman:: [fullbackup](#)  
 Fileman:: [getfile](#)  
 Fileman:: [htmleditor](#)  
 Fileman:: [killdir](#)  
 Fileman:: [listfiles](#)  
 Fileman:: [listfullbackups](#)  
 Fileman:: [listtemplates](#)  
 Fileman:: [restoreaf](#)  
 Fileman:: [restoredb](#)  
 Fileman:: [restorefile](#)  
 Fileman:: [restorefiles](#)  
 Fileman:: [savehtmlfile](#)  
 Fileman:: [showperm](#)  
 Fileman:: [uploadfiles](#)  
 Fileman:: [viewfile](#)

tyear	integer	<b>Required</b> The year for which to retrieve bandwidth data, in four digit format.	The desired year.	2014
subd	string	The subdomain for which to retrieve bandwidth data.  If you do not use this parameter, the function returns bandwidth data for all of the specified domain's subdomains.	A subdomain on the specified domain.	subdomain.example.com
timezone	string	The timezone in which to report the data.  This parameter defaults to the domain's timezone.	A timezone in Olson tz name format.	America/Chicago

## Returns

This function returns HTML to display a table row of bandwidth data for the specified account. The table row includes one column of bandwidth data for each day of the specified month.

### ▼ Frontpage

FrontPage:: [addfp](#)  
 FrontPage:: [delfp](#)  
 FrontPage:: [fpstatus](#)

### ▼ Ftp

Ftp:: [addftp](#)  
 Ftp:: [delftp](#)  
 Ftp:: [ftpquota](#)  
 Ftp:: [ftpservname](#)  
 Ftp:: [ftpstatslogin](#)  
 Ftp:: [get\\_anonftp](#)  
 Ftp:: [get\\_anonftpin](#)  
 Ftp:: [get\\_welcomemsg](#)  
 Ftp:: [getftpquota](#)  
 Ftp:: [kill\\_ftp\\_session](#)  
 Ftp:: [listftpstatsurl](#)  
 Ftp:: [passwdfp](#)

Ftp:: set\_anonftp

Ftp:: set\_anonftpin

Ftp:: set\_welcome  
msg

▼ Gpg

Gpg:: deletekey

Gpg:: exportkey

Gpg:: exportsecret  
key

Gpg:: genkey

Gpg:: importkeys

▼ Htaccess

Htaccess:: checkpr  
otected

Htaccess:: del\_use  
r

Htaccess:: getinde  
x

Htaccess:: htdirls

Htaccess:: number  
\_of\_users

Htaccess:: phpsele  
ctable

Htaccess:: resnam  
e

Htaccess:: set\_pas  
s

Htaccess:: set\_pro  
tect

Htaccess:: setinde  
x

Htaccess:: setphpr  
eference

Htaccess:: showus  
ers

▼ ImageManager

ImageManager:: c  
onvert

ImageManager:: di  
mensions

ImageManager:: h  
dimension

ImageManager:: s  
cale

ImageManager:: th  
umbnail

ImageManager:: w  
dimension

▼ LastLogin

LastLogin:: lastlogi  
n

▼ LeechProtect

LeechProtect:: disable

LeechProtect:: enable

LeechProtect:: setup

LeechProtect:: showpasswdfile

LeechProtect:: status

▼ LogManager

LogManager:: listdownloads

LogManager:: save settings

LogManager:: show settings

▼ MagicRevision

MagicRevision:: uri

▼ Mime

Mime:: add\_handler

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redirect

Mime:: del\_handler

Mime:: del\_hotlink

Mime:: del\_mime

Mime:: del\_redirect

Mime:: linkallownull

Mime:: linkenable

Mime:: linkexts

Mime:: linkrurl

Mime:: linkurls

▼ Mysql

Mysql:: adddb

Mysql:: addhost

Mysql:: adduser

Mysql:: adduserdb

Mysql:: checkdb

Mysql:: deldb

Mysql:: delhost

Mysql:: deluser

Mysql:: deluserdb

Mysql:: gethost  
Mysql:: initcache  
Mysql:: listdbs  
Mysql:: listdbsopt  
Mysql:: listusers  
Mysql:: listusersopt  
Mysql:: number\_of  
\_dbs  
Mysql:: number\_of  
\_users  
Mysql:: repairdb  
Mysql:: routines  
Mysql:: updatepriv  
s

▼ Net

Net:: dnslookup  
Net:: dnszone  
Net:: sethastracero  
ute

▼ News

News:: displaynew  
s

▼ NVData

NVData:: set

▼ OptimizeWS

OptimizeWS:: load  
optimizesettings  
OptimizeWS:: load  
optimizesettings (b  
ytes)  
OptimizeWS:: opti  
mizews

▼ Park

Park:: disabledir  
ect  
Park:: getredirectu  
rl  
Park:: park  
Park:: setredirectur  
l  
Park:: unpark

▼ Postgres

Postgres:: adddb  
Postgres:: adduser  
Postgres:: adduser  
db  
Postgres:: deldb  
Postgres:: deluser



Postgres:: deluser  
db

Postgres:: initcach  
e

Postgres:: listdbso  
pt

Postgres:: listusers  
opt

Postgres:: number  
\_of\_dbs

Postgres:: number  
\_of\_users

▼ ProxyUtils

ProxyUtils:: proxya  
ddress

▼ Resellers

Resellers:: accoun  
tlistopt

Resellers:: themeli  
stopt

▼ Serverinfo

Serverinfo:: servic  
estatus

▼ SetLang

SetLang:: listlangs  
opt

SetLang:: setlang

▼ SpamAssassin

SpamAssassin:: co  
nfig

SpamAssassin:: sa  
veconfig

▼ SSH

SSH:: getport

▼ SSL

SSL:: delete

SSL:: deletectr

SSL:: deletecsr

SSL:: deletekey

SSL:: genctr

SSL:: gencsr

SSL:: genkey

SSL:: getcabundle

SSL:: getcname

SSL:: install

SSL:: installedhost

SSL:: listkeysopt

SSL:: showcrt

SSL:: showcsr

SSL:: showkey

SSL:: sslsharedsta  
tus

SSL:: uploadcrt

SSL:: uploadkey

▼ StatManager

StatManager:: doF  
orm

StatManager:: upd  
ateUserConfig

▼ Stats

Stats:: analoglist

Stats:: awstats

Stats:: bwbar

Stats:: errlog

Stats:: lastvisitors

Stats:: showbandw  
idth

Stats:: webalizer

Stats:: webalizerftp

▼ SubDomain

SubDomain:: adds  
ubdomain

SubDomain:: cplist  
subdomains

SubDomain:: disab  
lesubrd

SubDomain:: listsu  
bdomainsop

SubDomain:: setsu  
burl

▼ UI

UI:: confirm

UI:: redirect

UI:: showresult