

# cPanel API 2 Functions - Email::accountname

Guide to cPanel API 2

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Branding:: createpkg

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Branding:: delbrandingobj

Branding:: delpkg

Branding:: gensprites

## Description

This function retrieves an email account's username.

### Warning:

We **strongly** recommend that you use the following [UAPI](#) function instead of this function:

- `Email::account_name` — This function returns an email account's username or address.

### Important:

In cPanel & WHM version 76 and later, when you disable the `MailReceive` 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=Email&cpanel_jsonapi_func=accountname&account="user@example.com"
```

### Note:

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

### LiveAPI PHP Class

## Function information

## About this module

The `Email` module modifies cPanel email account settings.



- ▼ Contactus
      - Contactus:: isenab led
      - Contactus:: sendc ontact
    - ▼ Cron
      - Cron:: add\_line
      - Cron:: edit\_line
      - Cron:: fetchcron
      - Cron:: get\_email
      - Cron:: listcron
      - Cron:: remove\_line
      - Cron:: set\_email
    - ▼ CustInfo
      - CustInfo:: contacte mails
      - CustInfo:: contactp refs
      - CustInfo:: displayc ontactinfo
      - CustInfo:: savecon tactinfo
    - ▼ DBmap
      - DBmap:: status
      - DBmap:: version
    - ▼ DKIMUI
      - DKIMUI:: available
      - DKIMUI:: getrecor ds
      - DKIMUI:: install
      - DKIMUI:: installed
      - DKIMUI:: uninstall
    - ▼ Denylp
      - Denylp:: listdenyip s
    - ▼ DiskCounter
      - DiskCounter:: disk \_counter
    - ▼ DiskUsage
      - DiskUsage:: buildc ache
      - DiskUsage:: clearc ache
      - DiskUsage:: fetch\_ raw\_disk\_usage
      - DiskUsage:: fetchd iskusage
      - DiskUsage:: fetchd iskusagewithextras

## ▼ LiveAPI Perl Module

```

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

# Retrieve the email
account username for
user@example.com
my
$get_email_username =
$cpliveapi->api2(
    'Email',
    'accountname',
    {
        'account'
    }
=>
'user@example.com',
);

# Retrieve the email
address for the email
username "user"
my
$get_email_username =
$cpliveapi->api2(
    'Email',
    'accountname',
    {
        'account'
    }
=> 'user',
);

# Return "All Mail On
Your Account"
my
$get_email_username =
$cpliveapi->api2(
    'Email',
    'accountname',
    {
        'display'
    }
=> '',
);

```

- cPan el API 2 Func tions - Email::edit quot a — This functi on modi fies an email acco unt's disk quot a.
- cPan el API 2 Func tions - Email::pas swdp op — This functi on modi fies an email acco unt's pass word .

- 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

**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

```
cpapi2
--user=username Email
accountname
account=user%40example.com
```

**Note:**

For more information and additional output options, read our [Guide to cPanel API 2 documentation](#) or run the `cpapi2 --help` command.

- cPanel API 2 Functions - Email::listdefaultaddresses
  - This function retrieves the domain's default address and its rules.
- cPanel API 2 Functions - Email::listaliasbackups
  - This function retrieves a list of the account's domains that use aliases and custom default addresses.

ration

Email: get\_archiving\_types

Email: get\_default\_email\_quota

Email: get\_email\_signing

Email: get\_max\_email\_quota

Email: getabsbrowserdir

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

Email: reorderfilters

### Output (JSON)

```

{
  "cpanelresult": {
    "apiversion": 2,
    "func":
"accountname",
    "data": [
      {
        "account":
"user"
      }
    ],
    "event": {
      "result": 1
    },
    "module": "Email"
  }
}

```

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

## Parameters

**Note:**  
 You **must** use either the `account` or `display` input parameter when you call this function.

Parameter	Type	Description	Possible values	Example
-----------	------	-------------	-----------------	---------

- 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:: [getedittype](#)
    - Fileman:: [getfileactions](#)
    - Fileman:: [getpath](#)
    - Fileman:: [listfiles](#)
    - Fileman:: [mkdir](#)
    - Fileman:: [mkfile](#)
    - Fileman:: [savefile](#)

account	<i>string</i>	The email username or email address, to return the email address or username, respectively.	<ul style="list-style-type: none"> <li>• The email account username (for example, <code>user</code> if the email address is <code>user@example.com</code>), to return the email address.</li> <li>• The email address, to return the email account username.</li> </ul>	<code>user@example.com</code>
display	<i>string</i>	Use this parameter without the <code>account</code> parameter to return the string <code>All Mail On Your Account</code> .	A blank value.	<code>''</code>

## Returns

Return	Type	Description	Possible values	Example
account	<i>string</i>	<p>The email account username, the email address, or the string <code>All Mail On Your Account</code>.</p> <p>The input parameter that you use and its value determines the account return's value.</p>	<ul style="list-style-type: none"> <li>• The email account username, if the <code>account</code> input value was an email address.</li> <li>• The email address, if the <code>account</code> input value was a username.</li> <li>• The string <code>All Mail On Your Account</code>, if you used the <code>display</code> parameter.</li> </ul>	<code>user</code>

- Fileman:: search
- Fileman:: statfiles
- Fileman:: uploadfiles
- Fileman:: viewfile
- ▼ ForcePassword
  - ForcePassword:: get\_force\_password\_flags
  - ForcePassword:: update\_force\_password\_flags
- ▼ Frontpage
  - Frontpage:: fopenabled
  - 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:: listusers
  - Htaccess:: listusers
- ▼ HttpUtils
  - HttpUtils:: getdirindices
- ▼ ImageManager
  - ImageManager:: thumbnail
- ▼ LVEInfo
  - LVEInfo:: getUsage
- ▼ LangMods
  - LangMods:: getarcname
  - LangMods:: getkey

reason	<i>string</i>	A reason for failure. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"><b>Note</b> : This function only returns a reason value if it failed.</div>	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

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:: created  
b

MysqlFE:: created  
buser

MysqlFE:: dbuserexists

MysqlFE:: deauthorizehost

MysqlFE:: deleted  
b

MysqlFE:: deleted  
buser

MysqlFE:: getalldb  
sinfo

MysqlFE:: getalldb  
usersanddbs

MysqlFE:: getdbuserprivileges

MysqlFE:: getdbusers

MysqlFE:: gethosts

MysqlFE:: getmysqlprivileges

MysqlFE:: getmysqlserverprivileges

MysqlFE:: has\_my  
cnf\_for\_cpuser

MysqlFE:: listdbs

MysqlFE:: listdbsback  
up

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:: 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

