

cPanel API 2 Functions - Email::listforwards

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain:: adddomain

omains

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

Description

This function lists a domain's forwarders.

Warning:

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

- `Email::list_forwarders` — This function lists a domain's forwarders.

Important:

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

[AddDomain](#)

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=listforwards&domain="example.com"&regex="user"
```

Note:

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

Function information

About this module

The `Email` module modifies cPanel email account settings.

About cPanel API 2

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.
```

```
// List forwards that  
contain "user" on  
example.com.  
$list_forwards =  
$cpanel->api2(  
    'Email',  
    'listforwards',  
    array(  
        'domain'  
=> 'example.com',  
        'regex'  
=> 'user',  
    )  
);
```

Note:

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

cPanel API 2 accesses and modifies data for cPanel accounts.

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Find a function

- cPanel API 2 Functions - Email::edit quote a — This function modifies an email account's disk quote a.

- 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:: contactrefs
 - 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.

# List forwards that
contain "user" on
example.com.
my $list_forwarders =
$cpliveapi->api2(
    'Email',
    'listforwards',
    {
        'domain'
=> 'example.com',
        'regex'
=> 'user',
    }
);

```

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 - Email::password — This function modifies an email account's password.
- cPanel API 2 Functions - Email::listdefaultaddresses — This function retrieves the domain's default address and its rules.

▼ 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 Email  
listforwards  
domain=example.com  
regex=user
```

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)

```
{  
  "cpanelresult": {  
    "event": {  
      "result": 1  
    },  
    "apiversion": 2,  
    "data": [  
      {  
  
        "uri_dest": "mailforwa  
rd%40example.com",  
  
        "forward": "user@examp  
le.com",  
  
        "dest": "mailforward@e  
xample.com",  
  
        "html_dest": "mailforw  
ard@example.com.com",  
  
        "html_forward": "user@
```

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

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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

```
example.com",  
  
"uri_forward": "user%40example.com"  
    },  
    {  
  
"uri_dest": "forwarded%example.com",  
  
"forward": "user@example.com",  
  
"dest": "forwarded@example.com",  
  
"uri_forward": "user%40example.com",  
  
"html_forward": "user@example.com",  
  
"html_dest": "forwarded@example.com"  
    }  
    ],  
  
"module": "Email",
```

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

```

"func": "listforwards"
  }
}

```

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

Parameters

Parameter	Type	Description	Possible values	Example
domain	string	The domain to search for forwarders. If you do not specify a domain value, the function returns forwarders for all of the cPanel account's domains.	A valid domain on the cPanel account.	example.com
regex	string	A Perl Compatible Regular Expression (PCRE) that filters the results. The system matches the PCRE to both the email address's username and domain.	A valid PCRE.	user

Returns

Return	Type	Description	Possible values	Example
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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:: listusers

Htaccess:: listusers

▼ HttpUtils

HttpUtils:: getdirindices

▼ ImageManager

ImageManager:: thumbnail

▼ LVEInfo

LVEInfo:: getUsage

▼ LangMods

LangMods:: getarcname

LangMods:: getkey

html_dest	string	The address to which the system forwards mail, or the method that the system uses to handle mail, in an HTML-safe format.	<ul style="list-style-type: none"> • An email address, in an HTML-safe format — The system forwards mail to this address. • :fail: — The system bounces mail back to the sender, and sends a failure message. • :blackhole: — The system deletes mail without a failure message. • The path to an application , in an HTML-safe format — The system pipes mail to this application . • A username, in an HTML-safe format — The system forwards mail to this system account. 	mailforward@example.com
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LangMods:: getprefix

LangMods:: install

LangMods:: langlist

LangMods:: list_available

LangMods:: list_installed

LangMods:: magic_status

LangMods:: pre_run

LangMods:: search

LangMods:: setup

LangMods:: uninstall

LangMods:: update

▼ LeechProtect

LeechProtect:: setup

▼ Locale

Locale:: get_encoding

Locale:: get_html_dir_attr

Locale:: get_locale_name

Locale:: get_user_locale

Locale:: get_user_locale_name

Locale:: numf

▼ Logaholic

Logaholic:: adduser

Logaholic:: adduserprofile

Logaholic:: deleteuser

Logaholic:: deleteuserprofile

Logaholic:: edituser

Logaholic:: fetchuser

Logaholic:: listuserprofiles

Logaholic:: logaholiclink

dest	string	The address to which the system forwards mail, or the method that the system uses to handle mail, in plaintext.	<ul style="list-style-type: none"> • An email address, in plaintext format — The system forwards mail to this address. • :fail: — The system bounces mail back to the sender, and sends a failure message. • :blackhole: — The system deletes mail without a failure message. • The path to an application, in plaintext format — The system pipes mail to this application. • A username, in plaintext format — The system forwards mail to this system account. 	mailforward@example.com
html_forward	string	The email address, in an HTML-safe format.	An email address on the cPanel account, in an HTML-safe format.	user@example.com
forward	string	The email address, in plaintext.	An email address on the cPanel account, in plaintext.	user@example.com

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:: listdbsbackup

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers
indb

uri_dest	string	The address to which the system forwards mail, or the method that the system uses to handle mail, in URI-encoded format.	<ul style="list-style-type: none"> • An email address, in URI-encoded format — The system forwards mail to this address. • %3afail%3a — The system bounces mail back to the sender, and sends a failure message. • %3ablackhole%3a — The system deletes mail without a failure message. • The path to an application , in plaintext format — The system pipes mail to this application . • A username, in URI-encoded format — The system forwards mail to this system account. 	mailforward%40example.com
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Note
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URI-
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with
%40.

- MySQLFE:: revoked_buserprivileges
 - MySQLFE:: setdbuserprivileges
 - MySQLFE:: userdbprivs
- MySQLOptimizer
 - MySQLOptimizer:: fetch_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:: getalloptions
 - PHPINI:: getoptions
- Park
 - Park:: listaddondomains
 - Park:: listparkeddomains
 - Park:: park
 - Park:: unpark
- Passwd
 - Passwd:: change_password
 - Passwd:: set_digest_auth
- PasswdStrength
 - PasswdStrength:: appstrengths
 - PasswdStrength:: get_password_strength
 - PasswdStrength:: get_required_strength
- Postgres
 - Postgres:: listdbs
 - Postgres:: listusers

uri_forward	string	The email address, in URI-encoded format.	An email address on the account, in URI-encoded format.	user@example.com
reason	string	A reason for failure.	A string that describes the error.	This is an error message.
result	Boolean	Whether the function succeeded.	<ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. 	1

Note
: This function only returns a reason on v if it failed.

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

