

cPanel API 2 Functions - Email::delmx

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags
(deprecated)

AddonDomain:
main:: add
daddond

omain

AddonDomain:: del
addondomain

AddonDomain:: list
addondomains

Backups

Backups:: listfullba
ckups

Bandwidth

Bandwidth:: addhtt
pbandwidth

Bandwidth:: getbw
data

Bandwidth:: getho
urlyaveragebwover
year

BoxTrapper

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untmanagelist

Branding

Branding:: addbra
ndingobj

Branding:: applist

Branding:: brandin
geditor

Branding:: createp
kg

Branding:: cssmer
ge

Branding:: delbran
dingobj

Branding:: delpkg

Branding:: gensprit
es

Description

This function deletes a mail exchanger. For more information about mail exchangers, read our [Edit MX Entry](#) documentation.

Warning:

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

- `Email::delete_mx` — This function deletes a Mail Exchanger (MX) record.

Important:

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

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=delmx&domain="example.com"&exchange="mail.example.com"&preference="5"
```

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.

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:: 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.  
  
// Delete the  
mail.example.com mail  
exchanger.  
$delete_mx =  
$cpanel->api2(  
    'Email',  
    'delmx',  
    array(  
        'domain'  
=> 'example.com',  
        'exchange'  
=>  
    'mail.example.com',  
        'preference'  
=> '5',  
    )  
);
```

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.

Notes:

- Thursday, February 20, 2014 at 10:20 AM
- Thursday, February 20, 2014 at 10:20 AM

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:: listdenyp
 - 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.

# Delete the
mail.example.com mail
exchanger.
my $delete_mx =
$cpliveapi->api2(
    'Email', 'delmx',
    {
        'domain'
=> 'example.com',
        'exchange'
=>
'mail.example.com',
        'preference'
=> '5',
    }
);

```

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::edit_quota — This function modifies an email account's disk quota.
 - cPanel API 2 Functions - Email::password — This function modifies an email account's password.

▼ 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  
delmx  
domain=example.com ex  
change=mail.example.c  
om preference=5
```

Note:

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

▼ Output (JSON)

```
{  
  "cpanelresult": {  
    "apiversion": 2,  
    "func": "delmx",  
    "data": [  
      {  
        "statusmsg":  
        "Removed entry:  
example.com.  
14400\tIN MX 5  
mail.example.com\nBin  
d reloading on  
server1 using rndc  
zone:  
[example.com]\n",  
        "status": 1,  
        "checkmx": {  
          "warnings":  
[  
          ],  
        "issecondary": 0,  
        "local": 1,  
        "detected":  
"local",  
        "remote":  
0,  
        "isprimary": 1,  
        "changed":  
1,  
        "secondary": 0,  
        "mxcheck":  
"local"      }  
    ]  
  }  
}
```

- 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: 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

```
    },  
    "results":  
    "Removed entry:  
example.com.  
14400\tIN MX 5  
mail.example.com\nBind reloading on  
server1 using rndc  
zone:  
[example.com]\n"  
    }  
  ],  
  "event": {  
    "result": 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:: autocomplete_dir

Fileman:: fileop

Fileman:: getabsdir

Fileman:: getdir

Fileman:: getdiractions

Fileman:: getdiskinfo

Fileman:: getedittype

Fileman:: getfileactions

Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

Fileman:: savefile

```

    "module": "Email"
  }
}

```

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	Required The mail exchanger's domain.	A valid domain on the cPanel account.	example.com
exchange	string	Required The mail exchanger name.	The mail exchanger's name and domain.	mail.example.com

- Fileman:: [search](#)
- Fileman:: [staffiles](#)
- 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:: [getarchname](#)
 - LangMods:: [getkey](#)

preference	<i>integer</i>	<p>Required</p> <p>The mail exchanger's priority value.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Note</p> <p>: If multiple MX entries match the exchange value, the system uses this parameter to find the correct entry.</p> </div>	A positive integer.	5
------------	----------------	--	---------------------	---

Returns

Return	Type	Description	Possible values	Example
statusmsg	<i>string</i>	A message of success or a reason for failure.	<ul style="list-style-type: none"> A message of success that includes the domain, mail exchange, and server name. A string that describes an error. 	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Click to view... Removed entry: example.com. 14400\tIN MX 5 mail.example.com\nBind reloading on server1 using rndc zone: [example.com]\n

LangMods:: [getprefix](#)

LangMods:: [install](#)

LangMods:: [listavailable](#)

LangMods:: [listinstalled](#)

LangMods:: [magicstatus](#)

LangMods:: [pre-run](#)

LangMods:: [search](#)

LangMods:: [setup](#)

LangMods:: [uninstall](#)

LangMods:: [update](#)

▼ [LeechProtect](#)

LeechProtect:: [setup](#)

▼ [Locale](#)

Locale:: [getencoding](#)

Locale:: [gethtml_dir_attr](#)

Locale:: [getlocale_name](#)

Locale:: [getuser_locale](#)

Locale:: [getuser_locale_name](#)

Locale:: [numf](#)

▼ [Logaholic](#)

Logaholic:: [adduser](#)

Logaholic:: [adduserprofile](#)

Logaholic:: [deleteuser](#)

Logaholic:: [deleteuserprofile](#)

Logaholic:: [edituser](#)

Logaholic:: [fetchuser](#)

Logaholic:: [listuserprofiles](#)

Logaholic:: [logaholiclink](#)

status	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. 	1
checkmx	<i>hash</i>	A hash of the mail exchanger's data.	This hash includes the warnings, issecondary, local, detected, remote, isprimary, changed, secondary, and mxcheck returns.	
warnings	<i>string</i>	Warning messages, if any exist. The function returns this value in the checkmx hash.	One or more warning messages.	▼ Click to view... Auto Detect of MX configuration not possible due to non-resolving MX entries. Defaulting to last known setting: local.
issecondary	<i>Boolean</i>	Whether the mail exchanger is a secondary exchanger. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • 1 — Secondary. • 0 — Not secondary. 	0
local	<i>Boolean</i>	Whether the mail exchanger is a local exchanger. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • 1 — Local. • 0 — Not local. 	0
detected	<i>string</i>	The mail exchanger type. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • auto • local • secondary • remote 	auto
remote	<i>Boolean</i>	Whether the mail exchanger is a remote exchanger. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • 1 — Remote. • 0 — Not remote. 	0

- 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:: 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

isprimary	Boolean	Whether the mail exchanger is the primary mail exchanger. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • 1 — Primary. • 0 — Not primary. 	0
changed	Boolean	Whether a change occurred during the function. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • 1 — Change occurred. • 0 — No change. 	1
secondary	Boolean	Whether the mail exchanger is a secondary exchanger. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • 1 — Secondary. • 0 — Not secondary. 	0
mxcheck	string	The mail exchanger type. The function returns this value in the checkmx hash.	<ul style="list-style-type: none"> • auto • local • secondary • remote 	auto
results	string	A message of success or a reason for failure.	<ul style="list-style-type: none"> • A message of success that includes the domain, mail exchange, and server name. • A string that describes an error. 	▼ Click to view... Removed entry: example.com. 14400\tIN MX 5 mail.example.com \nBind reloading on server1 using rndc zone: [example.com]\n
reason	string	A reason for failure. <div style="border: 1px solid orange; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Note : This function only returns a reason value if it failed.</p> </div>	A string that describes the error.	This is an error message.

MysqlFE:: revoked
buserprivileges

MysqlFE:: setdbu
serprivileges

MysqlFE:: userdbp
rivs

result	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none">• 1 — The function succeeded .• 0 — The function failed.	1
--------	----------------	---------------------------------------	---	---

▼ 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

