

cPanel API 2 Functions - Email::setmxcheck

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags
(deprecated)

AddonDomain:: add
daddondomain

omain

AddonDomain:: del
addondomain

AddonDomain:: list
addondomains

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 modifies a mail exchanger's type. For more information about MX record settings, read our [Edit MX Entry](#) documentation.

Notes:

- This function **only** affects the cPanel configuration. You must configure the mail exchanger's DNS entry separately.
- This function is similar to the cPanel API 2 `Email::setalwaysaccept` function, but hooks and custom event handlers parse them as unique calls.

Warning:

We **strongly** recommend that you use [UAPI](#) instead of cPanel API 2. However, no equivalent UAPI function exists.

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=setmxcheck&domain="example.com"&mxcheck="auto"
```

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:: resolvelocalcss

Branding:: savelocalcss

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.
```

```
// Change  
example.com's mx type  
to local.  
$set_mx_type =  
$cpanel->api2(  
    'Email',  
    'setmxcheck',  
    array(  
        'domain'  
=> 'example.com',  
        'mxcheck'  
=> 'local',  
    )  
);
```

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, 2:00 PM
- Thursday, February 20, 2014, 2:00 PM

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:: 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.

# Change
example.com's mx type
to local.
my $set_mx_type =
$cpliveapi->api2(
    'Email',
    'setmxcheck',
    {
        'domain'
=> 'example.com',
        'mxcheck'
=> 'local',
    }
);

```

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::editquota — This function modifies an email account's disk quota.
- cPanel API 2 Functions - Email::passwdpop — 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  
setmxcheck  
domain=example.com  
mxcheck=local
```

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)

- cPanel API 2 Functions - Email::list default addresses

— This function retrieves the domain's default address and its rules.

- cPanel API 2 Functions - Email::list alias backups

— 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: 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: listpopswitchdisk
Email: listpopswitchimage
Email: loadfilter
Email: passwdpop
Email: reorderfilters

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "setmxcheck",
    "data": [
      {
        "statusmsg":
        "Set Always Accept
        Status to: local",
        "status": 1,
        "checkmx": {
          "warnings":
          [
            ],
          "issecondary": 0,
            "local": 1,
            "detected":
            "local",
            "remote":
            0,
            "isprimary": 1,
            "changed":
            1,
            "secondary": 0,
            "mxcheck":
            "local"
          },
            "local": 1,
            "remote": 0,
            "detected":
            "local",
            "mxcheck":
            "local",
            "secondary":
            0,
            "results":
            "Set Always Accept
            Status to: local"
          }
        ],
        "event": {
          "result": 1
        },
        "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

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
mxcheck	string	Required The mail exchanger type.	<ul style="list-style-type: none">auto — Allow cPanel to determine the appropriate role.local — Always accept the domain's mail.secondary — Accept mail until a higher priority mail server is available.remote — Do not accept mail.	auto

Returns

Return	Type	Description	Possible values	Example
statusmsg	string	A message of success or a reason for failure.	<ul style="list-style-type: none">A message of success that includes the new type.A string that describes an error.	Set Always Accept Status to: local

- 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:: [listftpssessions](#)
 - 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](#)

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 contains the warnings array and the issecondary, local, detected, remote, isprimary, changed, secondary, and mxcheck returns.	
warnings	<i>array</i>	<p>An array of warning messages, if any exist.</p> <p>The function returns this array in the checkmx hash.</p>	One or more warning messages.	<ul style="list-style-type: none"> <ul style="list-style-type: none"> 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>	<p>Whether the mail exchanger is a secondary exchanger.</p> <p>The function returns this value in the checkmx hash.</p>	<ul style="list-style-type: none"> • 1 — Secondary. • 0 — Not secondary. 	0
local	<i>Boolean</i>	<p>Whether the mail exchanger is a local exchanger.</p> <p>The function returns this value in the checkmx hash.</p>	<ul style="list-style-type: none"> • 1 — Local. • 0 — Not local. 	0
detected	<i>string</i>	<p>The mail exchanger type.</p> <p>The function returns this value in the checkmx hash.</p>	<ul style="list-style-type: none"> • auto • local • secondary • remote 	auto
remote	<i>Boolean</i>	<p>Whether the mail exchanger is a remote exchanger.</p> <p>The function returns this value in the checkmx hash.</p>	<ul style="list-style-type: none"> • 1 — Remote. • 0 — Not remote. 	0

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

isprimary	<i>Boolean</i>	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	<i>Boolean</i>	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	<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
mxcheck	<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
local	<i>Boolean</i>	Whether the mail exchanger is a local exchanger.	<ul style="list-style-type: none"> 1 — Local. 0 — Not local. 	0
remote	<i>Boolean</i>	Whether the mail exchanger is a remote exchanger.	<ul style="list-style-type: none"> 1 — Remote. 0 — Not remote. 	0
detected	<i>string</i>	The mail exchanger type.	<ul style="list-style-type: none"> auto local secondary remote 	auto
mxcheck	<i>string</i>	The mail exchanger type.	<ul style="list-style-type: none"> auto local secondary remote 	auto
secondary	<i>Boolean</i>	Whether the mail exchanger is a secondary exchanger.	<ul style="list-style-type: none"> 1 — Secondary. 0 — Not secondary. 	0
results	<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 new type. A string that describes an error. 	Set Always Accept Status to: local

- 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:: getdbs
erprivileges
 - MySQLFE:: getdbs
ers
 - MySQLFE:: gethosts
 - MySQLFE:: getmys
qlprivileges
 - MySQLFE:: getmys
qlserverprivileges
 - MySQLFE:: has_my
cnf_for_cpuser
 - MySQLFE:: listdbs
 - MySQLFE:: listdbsb
ackup
 - MySQLFE:: listhosts
 - MySQLFE:: listusers
 - MySQLFE:: listusers
indb

reason	<i>string</i>	A reason for failure. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;">Note : 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"> • 1 — The function succeeded. • 0 — The function failed. 	1

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

