

# WHM API 1 Functions - expunge\_mailbox\_messages

## Guide to WHM API 1

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- Filter Output
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- Paginate Output
- Output Columns
- Call cPanel API 2 and UAPI

- Account Restoration
  - restore\_modules\_summary
  - restore\_queue\_activate
  - restore\_queue\_add\_task
  - restore\_queue\_clear\_all\_completed\_tasks
  - restore\_queue\_clear\_all\_failed\_tasks
  - restore\_queue\_clear\_all\_pending\_tasks
  - restore\_queue\_clear\_all\_tasks
  - restore\_queue\_clear\_completed\_task
  - restore\_queue\_clear\_pending\_task
  - restore\_queue\_is\_active
  - restore\_queue\_list\_active
  - restore\_queue\_list\_completed
  - restore\_queue

## Description

This function removes mail messages from a cPanel account that you select with a query.

## Examples

### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/expunge_mailbox_messages?api.version=1&account=example&mailbox=INBOX&query=savedbefore%2052w
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/expunge_mailbox_messages?api.version=1&account=example&mailbox=INBOX&query=savedbefore%2052w
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

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restore\_queue\_state  
restoreaccount  
verify\_new\_username\_for\_restore

Accounts

accountsummary  
applist  
createacct  
domainuserdata  
editquota  
forcepasswordchange  
get\_domain\_info  
getdomainowner  
has\_digest\_auth  
has\_mycnf\_for\_cpuser  
limitbw  
list\_users  
listaccts  
listlockedaccounts  
listsuspended  
modifyacct  
myprivs  
passwd  
removeacct  
set\_digest\_auth  
showbw  
suspendacct  
unsuspendacct  
untrack\_acct\_id  
verify\_new\_username

Addon Domains

Command Line

```
whmapil  
expunge_mailbox_messages account=example mailbox=INBOX query="savedbefore%2052w"
```

**Notes:**

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

```
/usr/local  
/cpanel/bin/whmapil
```

Output (JSON)

```
{  
  "metadata": {  
    "reason": "OK",  
  
    "command": "expunge_mailbox_messages",  
    "version": 1,  
    "result": 1  
  },  
  "data": {  
  
  }  
}
```

Find a function

- WHM API 1 Functions - list\_ops\_for - This function lists a cPanel account's email accounts.

convert\_add  
 on\_fetch\_co  
 nversion\_de  
 tails  
  
 convert\_add  
 on\_fetch\_do  
 main\_details  
  
 convert\_add  
 on\_get\_con  
 version\_stat  
 us  
  
 convert\_add  
 on\_initiate\_c  
 onversion  
  
 convert\_add  
 on\_list\_add  
 on\_domains  
  
 convert\_add  
 on\_list\_conv  
 ersions

▼ Authentication

api\_token\_c  
 reate  
  
 api\_token\_li  
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 api\_token\_r  
 evoke  
  
 api\_token\_u  
 pdate  
  
 disable\_aut  
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 disable\_fail  
 ing\_authenti  
 cation\_provi  
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 enable\_auth  
 entication\_p  
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 ation\_provid  
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 get\_login\_ur  
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 get\_provider  
 \_client\_conf  
 igurations  
  
 get\_provider  
 \_configurati  
 on\_fields  
  
 get\_provider  
 \_display\_co  
 nfigurations  
  
 get\_users\_a  
 uthn\_linked  
 \_accounts

▼ Output (XML)

```

<result>
  </data>
  <metadata>

  <reason>OK</reason>

  <version>1</version>

  <result>1</result>

  <command>expunge_mail  

  box_messages</command  

  >
  </metadata>
</result>
  
```

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

- WHM API 1 Functions - get\_user\_email\_forward\_destination - This function retrieves the destination to which the system forwards a system account's email.

**Parameters**

Parameter	Type	Description	Possible values	Example
account	string	<b>Required</b> The email account's name.	<ul style="list-style-type: none"> <li>• A valid email account that exists on the server.</li> <li>• The cPanel user's account name.</li> </ul>	user@example.com example _mainaccount@example.com

**Note:**  
 - main account

link\_user\_authn\_provider  
set\_provider\_client\_configurations  
set\_provider\_display\_configurations  
twofactorauth\_disable\_policy  
twofactorauth\_enable\_policy  
twofactorauth\_generate\_tfa\_config  
twofactorauth\_get\_issuer  
twofactorauth\_get\_user\_configs  
twofactorauth\_policy\_status  
twofactorauth\_remove\_user\_config  
twofactorauth\_set\_issuer  
twofactorauth\_set\_tfa\_config  
unlink\_user\_authn\_provider  
validate\_login\_token

▼ Backups

backup\_config\_get  
backup\_config\_set  
backup\_data\_list  
backup\_destination\_add  
backup\_destination\_delete  
backup\_destination\_get  
backup\_destination\_list

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- WHM API 1 Functions - set\_user\_email\_forward\_destination — This function sets the destination to which the system forwards a system account's email.
- WHM API 1 Functions - generate\_mobile\_config — This function generates a mobile configuration profile for an email account.

backup\_dest  
ination\_set

backup\_dest  
ination\_valid  
ate

backup\_get  
\_transport\_s  
tatus

backup\_list\_  
transported

backup\_set\_  
list

backup\_skip  
\_users\_all

backup\_skip  
\_users\_all\_s  
tatus

backup\_use  
r\_list

convert\_and  
\_migrate\_fro  
m\_legacy\_c  
onfig

get\_users\_w  
ith\_backup\_  
metadata

list\_cparchiv  
e\_files

start\_backgr  
ound\_pkgac  
t

toggle\_user  
\_backup\_sta  
te

▼ cPHulk

cphulk\_statu  
s

create\_cphu  
lk\_record

delete\_cphu  
lk\_record

disable\_cph  
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enable\_cph  
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flush\_cphulk  
\_login\_histo  
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get\_cphulk\_brutes  
 get\_cphulk\_excessive\_brutes  
 get\_cphulk\_failed\_logins  
 get\_cphulk\_user\_brutes  
 load\_cphulk\_config  
 read\_cphulk\_records  
 save\_cphulk\_config  
 set\_cphulk\_config\_key

▼ Databases

background\_mysql\_upgrade\_status  
 current\_mysql\_version  
 installable\_mysql\_versions  
 latest\_available\_mysql\_version  
 list\_database\_users  
 list\_databases  
 list\_mysql\_databases\_and\_users  
 remote\_mysql\_create\_profile  
 remote\_mysql\_create\_profile\_via\_ssh  
 remote\_mysql\_delete\_profile  
 remote\_mysql\_initiate\_profile\_activation  
 remote\_mysql\_monitor\_profile\_activation  
 remote\_mysql\_read\_prof

			) .	
mailbox	string	<b>Required</b> The mailbox's name.	A valid mailbox name on the account.  <b>Note</b> : Because you cannot escape wildcard characters such as (*), we recommend that you use functions that use the mailbox_guid parameter instead. For example, the WHM API 1 extension messages_for_mailbox_guid function.	INBOX
query	string	<b>Required</b> The query to select which messages you wish to remove from the mailbox.	A valid Dovecot search query  For more information, read <a href="#">Dovecot's Search Query documentation</a> .	savedbefore 52w

**Returns**

ile

This function only returns metadata.

remote\_mysql\_read\_profiles

remote\_mysql\_update\_profile

remote\_mysql\_validate\_profile

rename\_mysql\_database

rename\_mysql\_user

rename\_postgresql\_database

rename\_postgresql\_user

set\_local\_mysql\_root\_password

set\_mysql\_password

set\_postgresql\_password

start\_background\_mysql\_upgrade

▼ DNS

adddns

addzonerecord

addzonerecord (Reverse DNS)

dumpzone

editzonerecord

get\_nameserver\_config

getzonerecord

has\_local\_authority

killdns

listmxs

listzones

lookupnsip

lookupnsips

removezone  
record

resetzone

resolvedom  
ainname

savemxs

setresolvers

update\_nam  
eservers\_co  
nfig

▼ EasyApache

ea4\_get\_cur  
rently\_install  
ed\_packages

ea4\_get\_ea  
\_pkgs\_state

ea4\_list\_pro  
files

ea4\_migrati  
on

ea4\_pre\_mi  
grate\_check

ea4\_recom  
mendations

ea4\_save\_p  
rofile

ea4\_tomcat  
85\_add

ea4\_tomcat  
85\_list

ea4\_tomcat  
85\_rem

▼ Greylisting

cpgreylist\_is  
\_server\_net  
block\_truste  
d

cpgreylist\_li  
st\_entries\_f  
or\_common  
\_mail\_provid  
er

cpgreylist\_lo  
ad\_common  
\_mail\_provid  
ers\_config

cpgreylist\_s  
ave\_commo  
n\_mail\_provi  
ders\_config

cpgreylist\_st  
atus

cpgreylist\_tr  
ust\_entries\_

for\_common\_mail\_provider

cpgreylist\_untrusted\_entries\_for\_common\_mail\_provider

create\_cpgreylist\_trusted\_host

delete\_cpgreylist\_trusted\_host

disable\_cpgreylist

enable\_cpgreylist

load\_cpgreylist\_config

read\_cpgreylist\_deferred\_entries

read\_cpgreylist\_trusted\_host

save\_cpgreylist\_config

#### Integration

batch

cpanel

create\_integration\_group

create\_integration\_link

get\_integration\_link\_user\_config

list\_integration\_groups

list\_integration\_links

remove\_integration\_group

remove\_integration\_link

update\_integration\_link\_token

#### IP Addresses

addips

delip

get\_public\_i

p

get\_shared\_  
ip

ipv6\_disable\_  
\_account

ipv6\_enable\_  
\_account

ipv6\_range\_  
add

ipv6\_range\_  
edit

ipv6\_range\_  
list

ipv6\_range\_  
remove

ipv6\_range\_  
usage

listips

nat\_checkip

nat\_set\_pub  
lic\_ip

setsiteip

▼ Mail

disable\_dki  
m

disable\_mail\_  
\_sni

emailtrack\_s  
earch

emailtrack\_s  
tats

emailtrack\_u  
ser\_stats

enable\_dkim

enable\_mail\_  
\_sni

ensure\_dki  
m\_keys\_exi  
st

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uration\_che  
ck

expunge\_m  
ailbox\_mess  
ages

expunge\_m  
essages\_for  
\_mailbox\_gu  
id

fetch\_dkim\_  
private\_keys

fetch\_mail\_

queue  
generate\_m  
obileconfig  
get\_mailbox  
\_status  
get\_mailbox  
\_status\_list  
get\_user\_e  
mail\_forwar  
d\_destinatio  
n  
hold\_outgoi  
ng\_email  
install\_dkim  
\_private\_key  
s  
install\_spf\_r  
ecords  
is\_sni\_supp  
orted  
list\_pops\_for  
mail\_sni\_sta  
tus  
rebuild\_mail  
\_sni\_config  
release\_out  
going\_email  
save\_spamd  
\_config  
set\_user\_e  
mail\_forwar  
d\_destinatio  
n  
suspend\_ou  
tgoing\_email  
unsuspend\_  
outgoing\_e  
mail  
validate\_cur  
rent\_installe  
d\_exim\_conf  
ig  
validate\_cur  
rent\_dkims  
validate\_cur  
rent\_ptrs  
validate\_cur  
rent\_spfs  
validate\_exi  
m\_configura  
tion\_syntax

▼ Market

disable\_mar  
ket\_provider

enable\_market\_provider

get\_adjusted\_market\_providers\_products

get\_market\_providers\_commission\_config

get\_market\_providers\_list

get\_market\_providers\_product\_metadata

get\_market\_providers\_products

set\_market\_product\_attribute

set\_market\_provider\_commission\_id

▼ ModSecurity™

modsec\_added\_rule

modsec\_added\_vendor

modsec\_assemble\_config\_text

modsec\_batch\_settings

modsec\_check\_rule

modsec\_clone\_rule

modsec\_deploy\_all\_rule\_changes

modsec\_deploy\_rule\_changes

modsec\_deploy\_settings\_changes

modsec\_disable\_rule

modsec\_disable\_vendor

modsec\_disable\_vendor\_configs

modsec\_disable\_vendor\_updates

modsec\_disable\_all\_rule\_changes

modsec\_disable\_rule\_changes

modsec\_edit\_rule

modsec\_enable\_vendor

modsec\_enable\_vendor\_configs

modsec\_enable\_vendor\_updates

modsec\_get\_config\_text

modsec\_get\_configs

modsec\_get\_configs\_with\_changes\_pending

modsec\_get\_log

modsec\_get\_rules

modsec\_get\_settings

modsec\_get\_vendors

modsec\_is\_installed

modsec\_make\_config\_active

modsec\_make\_config\_inactive

modsec\_preview\_vendor

modsec\_remove\_rule

modsec\_remove\_setting

modsec\_remove\_vendor

modsec\_report\_rule

modsec\_set  
\_config\_text

modsec\_set  
\_setting

modsec\_un  
disable\_rule

modsec\_up  
date\_vendor

▼ Packages

\_getpkgexte  
nsionform

add\_overrid  
e\_features\_f  
or\_user

addpkg

addpkgext

changepack  
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create\_featu  
relist

delete\_featu  
relist

delpkgext

editpkg

get\_availabl  
e\_applicatio  
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get\_availabl  
e\_featurelist  
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get\_feature\_  
metadata

get\_feature\_  
names

get\_featureli  
st\_data

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sts

get\_users\_f  
eatures\_sett  
ings

getfeaturelis  
t

getpkginfo

killpkg

listpkgs

manage\_fea  
tures

matchpkgs

read\_feature  
list

remove\_override\_features\_for\_user

update\_featurelist

verify\_user\_has\_feature

▼ PHP

convert\_all\_domains\_to\_fpm

get\_fpm\_count\_and\_utilization

is\_conversion\_in\_progress

php\_get\_default\_accounts\_to\_fpm

php\_get\_handlers

php\_get\_impacted\_domains

php\_get\_installed\_versions

php\_get\_old\_fpm\_flag

php\_get\_system\_default\_version

php\_get\_versions\_by\_version

php\_get\_versions

php\_ini\_get\_content

php\_ini\_get\_directives

php\_ini\_set\_content

php\_ini\_set\_directives

php\_set\_default\_accounts\_to\_fpm

php\_set\_handler

php\_set\_old\_fpm\_flag

php\_set\_session\_save\_p

ath

php\_set\_sys  
tem\_default  
\_version

php\_set\_vh  
ost\_versions

▼ Resellers

acctcounts

get\_public\_c  
ontact

getresellerip  
s

listacts

listresellers

resellerstats

saveacllist

set\_public\_c  
ontact

setacts

setresellerip  
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▼ RPM

delete\_rpm\_  
version

edit\_rpm\_  
rsion

get\_rpm\_  
sion\_data

install\_rpm\_  
plugin

list\_rpms

package\_m

anager\_fixc  
ache

package\_m  
anager\_get\_  
build\_log

package\_m  
anager\_get\_  
package\_inf  
o

package\_m  
anager\_is\_p  
erforming\_a  
ctions

package\_m  
anager\_list\_  
packages

package\_m  
anager\_reso  
lve\_actions

package\_m  
anager\_sub  
mit\_actions

package\_m  
anager\_upgr  
ade

uninstall\_rp  
m\_plugin

▼ Script Hooks

delete\_hook

edit\_hook

list\_hooks

reorder\_hoo  
ks

▼ Security

accesshash

authorizessh  
key

check\_remo  
te\_ssh\_conn  
ection

convertopen  
shtoputty

deletesshke  
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generatessh  
keypair

importsshke  
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listsshkeys

▼ Server

Administration

add\_configcl  
usterserver

configureba

ckgroundpro  
cesskiller

configureser  
vice

cors\_proxy\_  
get

create\_user  
\_session

delete\_confi  
gclusterserv  
er

enable\_mon  
itor\_all\_ena  
bled\_service  
s

get\_all\_cont  
act\_importa  
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get\_appconf  
ig\_applicatio  
n\_list

get\_applicati  
on\_contact\_  
event\_import  
tance

get\_applicati  
on\_contact\_  
importance

get\_availabl  
e\_profiles

get\_current\_  
profile

get\_passwor  
d\_strength

get\_remote\_  
access\_has  
h

get\_service\_  
config

get\_service\_  
config\_key

get\_tweakse  
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get\_update\_  
availability

get\_users\_li  
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getdiskusag  
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gethostname

is\_role\_ena  
bled

list\_configcl  
usterservers

loadavg  
nvget  
nvset  
personalization\_get  
personalization\_set  
purchase\_application\_license  
reboot  
remove\_in\_progress\_exim\_configuration  
restartservice  
restore\_configuration\_from\_file  
restore\_configuration\_from\_upload  
run\_cpkeyctl  
send\_test\_posturl  
send\_test\_pushbullet\_notification  
servicestatus  
set\_application\_contact\_event\_importance  
set\_application\_contact\_importance  
set\_primary\_servername  
set\_service\_configuration\_key  
set\_tweaking  
sethostname  
setminimumpasswordstrengths  
start\_profile\_activation  
systemneeds\_reboot  
systemloada

vg

update\_conf  
igclusterserv  
er

update\_cont  
act\_email

verify\_aim\_a  
ccess

verify\_icq\_a  
ccess

verify\_oscar  
\_access

verify\_postu  
rl\_access

verify\_pushb  
ullet\_access

▼ SSL

disable\_aut  
ossl

fetch\_servic  
e\_ssl\_comp  
onents

fetch\_ssl\_ce  
rtificates\_for  
\_fqdns

fetch\_ssl\_vh  
osts

fetch\_vhost  
\_ssl\_compo  
nents

fetchcrtinfo

fetchsslinfo

generatessl

get\_autossl  
\_check\_sch  
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get\_autossl  
\_log

get\_autossl  
\_logs\_catalo  
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get\_autossl  
\_metadata

get\_autossl  
\_pending\_q  
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get\_autossl  
\_pending\_q  
ueue\_for\_do  
main

get\_autossl  
\_pending\_q  
ueue\_for\_us  
er

get\_autossl  
\_problems\_f  
or\_domain

get\_autossl  
\_problems\_f  
or\_user

get\_autossl  
\_providers

get\_best\_ssl  
domain\_for\_  
service

install\_servi  
ce\_ssl\_certif  
icate

installssl

listcrts

rebuildinstall  
edssldb

rebuildusers  
sldb

reset\_autos  
ssl\_provider

reset\_servic  
e\_ssl\_certifi  
cate

set\_autossl\_  
metadata

set\_autossl\_  
metadata\_k  
ey

set\_autossl\_  
provider

start\_autossl  
\_check\_for\_  
all\_users

start\_autossl  
\_check\_for\_  
one\_user

▼ Styles and Themes

generate\_cp  
anel\_plugin

list\_styles

load\_style

remove\_log  
o

remove\_styl  
e

save\_style

set\_default

▼ Support Tickets

ticket\_creat  
e\_stub\_ticke  
t

ticket\_get\_s  
upport\_agre  
ement

ticket\_get\_s  
upport\_info

ticket\_grant

ticket\_list

ticket\_remov  
e\_closed

ticket\_revok  
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ticket\_ssh\_t  
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ticket\_ssh\_t  
est\_start

ticket\_updat  
e\_service\_a  
greement\_a  
pproval

ticket\_valida  
te\_oauth2\_c  
ode

ticket\_whitel  
ist\_check

ticket\_whitel  
ist\_setup

ticket\_whitel  
ist\_unsetup

▼ Transfers

abort\_transf  
er\_session

analyze\_tra  
nsfer\_sessio  
n\_remote

available\_tr  
ansfer\_mod  
ules

create\_remo  
te\_root\_tran  
sfer\_session

create\_remo  
te\_user\_tran  
sfer\_session

delete\_accou  
nt\_archives

enqueue\_tra  
nsfer\_item

fetch\_transf  
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get\_transfer  
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pause\_trans  
fer\_session

remote\_basi  
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retrieve\_tran  
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\_remote\_an  
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validate\_sys  
tem\_user

▼ Updates

accept\_eula

get\_availabl  
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get\_current\_  
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n\_status

get\_lts\_wex  
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getlongterm  
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installed\_ver  
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set\_cpanel\_  
updates

set\_tier

update\_upd  
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version