

# WHM API 1 Functions - get\_service\_config\_key

## Guide to WHM API 1

- Return Data
- Filter Output
- Sort Output
- 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 returns a specific configuration key for a service.

## Examples

### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/get_service_config_key?api.version=1&service=dovecot&key=mail_process_size
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/get_service_config_key?api.version=1&service=dovecot&key=mail_process_size
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

### Notes:

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- or
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ue\_list\_pending  
restore\_queue\_state  
restoreaccount  
verify\_new\_username\_for\_restore

Accounts

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

Command Line

```
whmapil  
get_service_config_key  
service=dovecot  
key=mail_process_size
```

**Notes:**

- Unless otherwise noted, 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)

```
{  
  "data": {  
    "mail_process_size": "256",  
  },  
  "metadata": {  
    "command": "get_service_config_key",  
    "version": 1,  
    "reason": "OK",  
    "result": 1  
  }  
}
```

Find a function

- WHM API 1 Sections - Server Administration — Server administration functions allow you to manage your server's services and functions.

- \_id
- verify\_new\_username
- convert\_addon\_fetch\_conversion\_details
    - convert\_addon\_fetch\_main\_details
    - convert\_addon\_get\_conversion\_status
    - convert\_addon\_initiate\_conversion
    - convert\_addon\_list\_addon\_domains
    - convert\_addon\_list\_conversions
- api\_token\_create
    - api\_token\_list
    - api\_token\_revoke
    - api\_token\_update
    - disable\_authentication\_provider
    - disable\_failing\_authentication\_providers
    - enable\_authentication\_provider
    - get\_available\_authentication\_providers
    - get\_login\_url
    - get\_provider\_client\_configurations
    - get\_provider\_configuration\_fields
    - get\_provider\_display\_co

Output (XML)

```

<result>
  <data>

  <mail_process_size>256</mail_process_size>
  </data>
  <metadata>

  <reason>OK</reason>

  <version>1</version>

  <result>1</result>

  <command>get_service_config_key</command>
  </metadata>
</result>

```

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

Parameters

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

- WHM API 1 Functions - configure background processes killer — This function configures the server's background process killer.

[configurations](#)  
[get\\_users\\_authn\\_linked\\_accounts](#)  
[link\\_user\\_authn\\_provider](#)  
[set\\_provider\\_client\\_configurations](#)  
[set\\_provider\\_display\\_configurations](#)  
[twofactorauth\\_disable\\_policy](#)  
[twofactorauth\\_enable\\_policy](#)  
[twofactorauth\\_generate\\_tfa\\_config](#)  
[twofactorauth\\_get\\_issue\\_r](#)  
[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](#)

|                |               |                                                             |                                                                                                                                                                                                                                                                     |                          |
|----------------|---------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <p>service</p> | <p>string</p> | <p><b>Required</b></p> <p>The service's name.</p>           | <p>A valid cPanel &amp; WHM service name.</p> <div data-bbox="891 224 1029 821" style="border: 1px solid red; padding: 5px;"> <p><b>Warning</b> :</p> <p>As of cPanel &amp; WHM version 58, only the dovecot service is compatible with this function.</p> </div>   | <p>dovecot</p>           |
| <p>key</p>     | <p>string</p> | <p><b>Required</b></p> <p>The configuration key's name.</p> | <p>A valid configuration key for the service.</p> <div data-bbox="891 970 1029 1472" style="border: 1px solid orange; padding: 5px;"> <p><b>Note</b> :</p> <p>This function currently only supports top-level configuration keys and <b>not</b> subkeys.</p> </div> | <p>mail_process_size</p> |

- WHM API 1 Functions - [get\\_all\\_config\\_importances](#) — This function lists the importance of all application events in WHM's [Contact Manager](#) interface ([Home >> Server Contacts >> Contact Manager](#)).

▼ Backups

[backup\\_config\\_get](#)  
[backup\\_config\\_set](#)  
[backup\\_data\\_list](#)  
[backup\\_destination\\_add](#)  
[backup\\_destination\\_delete](#)

## Returns

**Note:** Each service and key returns a different set of values.

| Return | Type | Description | Possible values | Example |
|--------|------|-------------|-----------------|---------|
|--------|------|-------------|-----------------|---------|

|                                        |          |        |                                                     |                                                              |     |
|----------------------------------------|----------|--------|-----------------------------------------------------|--------------------------------------------------------------|-----|
| backup_destination_get                 | key name | varies | <b>Required</b><br>A configuration key's setting.   | This return's possible values depend on the service and key. | 256 |
| backup_destination_list                |          |        | <b>Note</b><br>: The key name is the return's name. |                                                              |     |
| backup_destination_set                 |          |        |                                                     |                                                              |     |
| backup_destination_validate            |          |        |                                                     |                                                              |     |
| backup_get_transport_status            |          |        |                                                     |                                                              |     |
| backup_list_transported                |          |        |                                                     |                                                              |     |
| backup_set_list                        |          |        |                                                     |                                                              |     |
| backup_set_list_combined               |          |        |                                                     |                                                              |     |
| backup_skip_users_all                  |          |        |                                                     |                                                              |     |
| backup_skip_users_all_status           |          |        |                                                     |                                                              |     |
| backup_user_list                       |          |        |                                                     |                                                              |     |
| convert_and_migrate_from_legacy_config |          |        |                                                     |                                                              |     |
| get_users_with_backup_metadata         |          |        |                                                     |                                                              |     |
| list_cparchive_files                   |          |        |                                                     |                                                              |     |
| start_background_package               |          |        |                                                     |                                                              |     |
| toggle_user_backup_status              |          |        |                                                     |                                                              |     |

▼ cPHulk

- cphulk\_statuses
- create\_cphulk\_record
- delete\_cphulk\_record
- disable\_cphulk
- enable\_cphulk
- flush\_cphulk\_login\_history

- WHM API 1 Functions - get\_appconfig\_application\_list — This function lists registered App Config applications.

flush\_cphulk  
\_login\_histo  
ry\_for\_ips

get\_countrie  
s\_with\_kno  
wn\_ip\_rang  
es

get\_cphulk\_  
brutes

get\_cphulk\_  
excessive\_b  
rutes

get\_cphulk\_  
failed\_logins

get\_cphulk\_  
user\_brutes

load\_cphulk  
\_config

read\_cphulk  
\_records

save\_cphulk  
\_config

set\_cphulk\_  
config\_key

▼ Databases

background  
\_mysql\_upg  
rade\_status

current\_mys  
ql\_version

installable\_  
mysql\_versi  
ons

latest\_availa  
ble\_mysql\_v  
ersion

list\_databas  
e\_users

list\_databas  
es

list\_mysql\_d  
atabases\_a  
nd\_users

remote\_mys  
ql\_create\_pr  
ofile

remote\_mys  
ql\_create\_pr  
ofile\_via\_ss  
h

remote\_mys  
ql\_delete\_pr  
ofile

remote\_mys  
ql\_initiate\_p  
rofile\_activat

ion

remote\_mysql\_monitor\_profile\_activation

remote\_mysql\_read\_profile

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\_metainf  
o  
  
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\_provid  
er

cpgreylist\_u  
ntrust\_entrie  
s\_for\_comm  
on\_mail\_pro  
vider

create\_cpgr  
eylist\_truste  
d\_host

delete\_cpgr  
eylist\_truste  
d\_host

disable\_cpgr  
eylist

enable\_cpgr  
eylist

load\_cpgreyl  
ist\_config

read\_cpgrey  
list\_deferred  
\_entries

read\_cpgrey  
list\_trusted\_  
host

save\_cpgrey  
list\_config

▼ Integration

batch

cpanel

create\_integ  
ration\_group

create\_integ  
ration\_link

get\_integrati  
on\_link\_user  
\_config

list\_integrati  
on\_groups

list\_integrati  
on\_links

remove\_inte  
gration\_grou  
p

remove\_inte

gration\_link

update\_inte  
gration\_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

exim\_config  
uration\_che  
ck

expunge\_m

mailbox\_messages

expunge\_messages\_for\_mailbox\_guid

fetch\_dkim\_private\_keys

fetch\_mail\_queue

generate\_mobileconfig

get\_mailbox\_status

get\_mailbox\_status\_list

get\_unique\_recipient\_count\_per\_sender\_for\_user

get\_unique\_sender\_recipient\_count\_per\_user

get\_user\_email\_forward\_destination

hold\_outgoing\_email

install\_dkim\_private\_keys

install\_spf\_records

is\_sni\_supported

list\_pops\_for

mail\_sni\_status

rebuild\_mail\_sni\_config

release\_outgoing\_email

save\_spamd\_config

set\_user\_email\_forward\_destination

suspend\_outgoing\_email

unsuspend\_outgoing\_email

validate\_currency\_installed\_exim\_configuration

validate\_currency\_dkims

validate\_currency\_ptrs

validate\_currency\_spfs

validate\_exim\_configuration\_syntax

▼ Market

disable\_market\_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\_add\_rule

modsec\_add\_vendor

modsec\_assemble\_configuration\_text

modsec\_batch\_settings

modsec\_check\_rule

modsec\_clone\_rule

modsec\_de  
ploy\_all\_rule  
\_changes

modsec\_de  
ploy\_rule\_ch  
anges

modsec\_de  
ploy\_setting  
s\_changes

modsec\_dis  
able\_rule

modsec\_dis  
able\_vendor

modsec\_dis  
able\_vendor  
\_configs

modsec\_dis  
able\_vendor  
\_updates

modsec\_dis  
card\_all\_rul  
e\_changes

modsec\_dis  
card\_rule\_c  
hanges

modsec\_edit  
\_rule

modsec\_en  
able\_vendor

modsec\_en  
able\_vendor  
\_configs

modsec\_en  
able\_vendor  
\_updates

modsec\_get  
\_config\_text

modsec\_get  
\_configs

modsec\_get  
\_configs\_wit  
h\_changes\_  
pending

modsec\_get  
\_log

modsec\_get  
\_rules

modsec\_get  
\_settings

modsec\_get  
\_vendors

modsec\_is\_i  
nstalled

modsec\_ma  
ke\_config\_a  
ctive

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\_disable\_rule

modsec\_update\_vendor

▼ Packages

\_getpkgextensionform

add\_override\_features\_for\_user

addpkg

addpkgext

changepackage

create\_feature\_relist

delete\_feature\_relist

delpkgext

editpkg

get\_available\_applications

get\_available\_featurelists

get\_feature\_metadata

get\_feature\_names

get\_featurelist\_data

get\_featureli

sts

get\_users\_f  
eatures\_sett  
ings

getfeaturelis  
t

getpkginfo

killpkg

listpkgs

manage\_fea  
tures

matchpkgs

read\_feature  
list

remove\_ove  
rride\_featu  
res\_for\_user

update\_feat  
urelist

verify\_user\_  
has\_feature

▼ PHP

convert\_all\_  
domains\_to  
\_fpm

get\_fpm\_co  
unt\_and\_util  
ization

is\_conversio  
n\_in\_progre  
ss

php\_get\_def  
ault\_accoun  
ts\_to\_fpm

php\_get\_ha  
ndlers

php\_get\_im  
pacted\_dom  
ains

php\_get\_ins  
talled\_versio  
ns

php\_get\_old  
\_fpm\_flag

php\_get\_sys  
tem\_default  
\_version

php\_get\_vh  
osts\_by\_ver  
sion

php\_get\_vh  
ost\_versions

php\_ini\_get  
\_content

php\_ini\_get  
\_directives

php\_ini\_set  
\_content

php\_ini\_set  
\_directives

php\_set\_def  
ault\_accoun  
ts\_to\_fpm

php\_set\_ha  
ndler

php\_set\_old  
\_fpm\_flag

php\_set\_ses  
sion\_save\_p  
ath

php\_set\_sys  
tem\_default  
\_version

php\_set\_vh  
ost\_versions

▼ Resellers

acctcounts

get\_public\_c  
ontact

getresellerip  
s

listacIs

listresellers

resellerstats

saveacllist

set\_public\_c  
ontact

setacIs

setresellerip  
s

setresellerli  
mits

setresellerm  
ainip

setresellern  
ameservers

setresellerp  
ackagelimit

setupreselle  
r

suspendres  
eller

terminateres  
eller

unsetuprese



ller

unsuspendr  
eseller

▼ RPM

delete\_rpm\_  
version

edit\_rpm\_ve  
rsion

get\_rpm\_ver  
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  
sshtoputty

deletesshke  
y

fetch\_securi  
ty\_advice

generatessh  
keypair

importsshke  
y

listsshkeys

▼ Server

Administration

add\_configcl  
usterserver

configureba  
ckgroundpro  
cesskiller

configureser  
vice

cors\_proxy\_  
get

create\_user  
\_session

delete\_conf  
gclusterserv  
er

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

get\_all\_cont  
act\_importa  
nces

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\_tcp4\_so  
ckets

get\_tcp6\_so  
ckets

get\_tweakse  
tting

get\_udp4\_s  
ockets

get\_udp6\_s  
ockets

get\_update\_  
availability

get\_users\_li  
nks

getdiskusag  
e

gethostname

is\_role\_ena  
bled

list\_configcl  
usterservers

loadavg

nvget

nvset

personalizati  
on\_get

personalizati  
on\_set

purchase\_a  
\_license

reboot

remove\_in\_  
progress\_ex  
im\_config\_e  
dit

restartservic  
e

restore\_conf  
ig\_from\_file

restore\_conf  
ig\_from\_upl  
oad

run\_cpkeyclt

send\_test\_p  
osturl

send\_test\_p  
ushbullet\_n  
ote

servicestatu

s

set\_applicati  
on\_contact\_  
event\_imp  
ortance

set\_applicati  
on\_contact\_  
importance

set\_primary  
\_servernam  
e

set\_service\_  
config\_key

set\_tweakse  
tting

sethostname

setminimum  
passwordstr  
engths

start\_profile  
\_activation

system\_nee  
ds\_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\_schedule  
get\_autossl  
\_log  
get\_autossl  
\_logs\_catalog  
get\_autossl  
\_metadata  
get\_autossl  
\_pending\_queue  
get\_autossl  
\_pending\_queue\_for\_domain  
get\_autossl  
\_pending\_queue\_for\_user  
get\_autossl  
\_problems\_for\_domain  
get\_autossl  
\_problems\_for\_user  
get\_autossl  
\_providers  
get\_best\_ssl  
domain\_for\_service  
install\_service\_ssl\_certificate  
installssl  
listcrts  
rebuildinstall  
edssldb  
rebuildusers  
sldb  
reset\_autossl\_provider  
reset\_service\_ssl\_certificate  
set\_autossl\_metadata  
set\_autossl\_metadata\_key

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  
e

ticket\_ssh\_t  
est

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\_transfer\_session

analyze\_transfer\_session\_remote

available\_transfer\_modules

create\_remote\_root\_transfer\_session

create\_remote\_user\_transfer\_session

delete\_account\_archives

enqueue\_transfer\_item

fetch\_transfer\_session\_log

get\_transfer\_session\_state

pause\_transfer\_session

remote\_basic\_credential\_check

retrieve\_transfer\_session\_remote\_analysis

start\_transfer\_session

transfer\_module\_schema

validate\_system\_user

▼ Updates

accept\_eula

get\_available\_tiers

get\_current\_lts\_expiration\_status

get\_lts\_expire

getlongterm support

installed\_versions

set\_cpanel\_updates

set\_tier

update\_upd  
ateconf

version