

# WHM API 1 Functions - get\_provider\_client\_configurations

## 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

## Description

This function retrieves the configuration details for the client of an external authentication identity provider.

## Examples

### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/get_provider_client_configurations&provider_id=cpanelid&service_name=cpanelid
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/get_provider_client_configurations?api.version=1&provider_id=cpanelid&service_name=cpanelid
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

### Notes:

- Scro
- Ycmtus20 or20) t

restore\_queue\_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

Command Line

```
whmapil  
get_provider_client_configurations  
provider_id=cpanelid  
service_name=cpanelid
```

**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
```

Find a function

- Manage External Authentications — The Manage External Authentications interface allows you to manage your server's OpenID Connect-compliant identity providers.

untrack\_acct\_id

verify\_new\_username

▼ Addon Domains

convert\_addon\_fetch\_conversion\_details

convert\_addon\_fetch\_domain\_details

convert\_addon\_get\_conversion\_status

convert\_addon\_initiate\_conversion

convert\_addon\_list\_addon\_domains

convert\_addon\_list\_conversions

▼ Authentication

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

▼ Output (JSON)

```
{
  "data": {
    {
      "client_configurations": {
        "redirect_uris": [
          "https://hostname.example.com:2083/openid_connect_callback/cpanelid",
          "https://hostname.example.com:2087/openid_connect_callback/cpanelid",
          "https://hostname.example.com:2096/openid_connect_callback/cpanelid"
        ],
        "client_id": "123456789",
        "client_secret": "victoria"
      }
    }
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "get_provider_client_configurations"
  }
}
```

▼ Output (XML)

```
<result>
  <data>

  <client_configuration_s>

  <redirect_uris>
```

- [Manage External Authentication — The Manage External Authentication interface allows you to manage your server's OpenID Connect-compliant identity providers.](#)
- [External Authentication FAQ](#)
- [Guide to WHM API 1 — WHM API 1 accesses the WHM interface's features.](#)

\_display\_co  
nfigurations  
  
get\_users\_a  
uthn\_linked  
\_accounts  
  
link\_user\_au  
thn\_provider  
  
set\_provider  
\_client\_confi  
gurations  
  
set\_provider  
\_display\_co  
nfigurations  
  
twofactoraut  
h\_disable\_p  
olicy  
  
twofactoraut  
h\_enable\_p  
olicy  
  
twofactoraut  
h\_generate\_  
tfa\_config  
  
twofactoraut  
h\_get\_issue  
r  
  
twofactoraut  
h\_get\_user\_  
configs  
  
twofactoraut  
h\_policy\_sta  
tus  
  
twofactoraut  
h\_remove\_u  
ser\_config  
  
twofactoraut  
h\_set\_issuer  
  
twofactoraut  
h\_set\_tfa\_c  
onfig  
  
unlink\_user\_  
authn\_provi  
der  
  
validate\_logi  
n\_token

▼ Backups

backup\_conf  
ig\_get  
  
backup\_conf  
ig\_set  
  
backup\_dat  
e\_list  
  
backup\_dest  
ination\_add  
  
backup\_dest  
ination\_dele  
te

```
https://yourhostserve  
r.com:2083/openid_con  
nect_callback/cpaneli  
d  
  
</redirect_uris>  
  
<redirect_uris>  
  
https://yourhostserve  
r.com:2087/openid_con  
nect_callback/cpaneli  
d  
  
</redirect_uris>  
  
<redirect_uris>  
  
https://yourhostserve  
r.com:2096/openid_con  
nect_callback/cpaneli  
d  
  
</redirect_uris>  
  
<client_secret>victor  
ia</client_secret>  
  
<client_id>  
  
XXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXX.i  
d.cpanel.com  
  
</client_id>  
  
</client_configuratio  
ns>  
  </data>  
  <metadata>  
  
<version>1</version>  
  
<reason>OK</reason>  
  
<result>1</result>  
  
<command>get_provider  
_client_configuration
```

backup\_dest\_ination\_get  
 backup\_dest\_ination\_list  
 backup\_dest\_ination\_set  
 backup\_dest\_ination\_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

```

s</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
service_name	string	<b>Required</b> The cPanel & WHM service's name.	A valid service name: <ul style="list-style-type: none"> <li>• cpanelid</li> <li>• whostmgrid</li> <li>• webmailid</li> </ul>	cpanelid
provider_id	string	<b>Required</b> The identity provider's key.	A valid identity provider's key.	cpanelid

## Returns

Return	Type	Description	Possible values	Example
client_configurations	hash	A hash of the client configuration information.	This hash includes the client_id and client_secret returns and the redirect_uris array.	

flush\_cphulk\_login\_history\_for\_ips

get\_countries\_with\_known\_ip\_ranges

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

redirect_uris	array	<p>The redirection URIs for each interface that the identity provider uses.</p> <p>The function returns this value in the client_configurations hash.</p>	An array of URIs.	<p>▼ <a href="#">Click to view...</a></p> <pre>"https://hostname.example.com:2083/openid_connect_callback/cpanelid", "https://hostname.example.com:2087/openid_connect_callback/cpanelid", "https://hostname.example.com:2096/openid_connect_callback/cpanelid"</pre>
client_id	string	<p>The client ID for the identity provider.</p> <p>The function returns this value in the client_configurations hash.</p>	A valid string.	1234567890
client_secret	string	<p>The secret for the client ID.</p> <p>The function returns this value in the client_configurations hash.</p>	A valid string.	victoria

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

ailbox\_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\_curren  
t\_installe  
d\_exim\_conf  
ig

validate\_curren  
t\_dkims

validate\_curren  
t\_ptrs

validate\_curren  
t\_spfs

validate\_exim  
m\_configura  
tion\_syntax

▼ Market

disable\_mar  
ket\_provider

enable\_mar  
ket\_provider

get\_adjuste  
d\_market\_pr  
oviders\_pro  
ducts

get\_market\_  
providers\_c  
ommission\_  
config

get\_market\_  
providers\_lis  
t

get\_market\_  
providers\_pr  
oduct\_meta  
data

get\_market\_  
providers\_pr  
oducts

set\_market\_  
product\_attri  
bute

set\_market\_  
provider\_co  
mmission\_id

▼ ModSecurity™

modsec\_ad  
d\_rule

modsec\_ad  
d\_vendor

modsec\_ass  
emble\_conf  
ig\_text

modsec\_bat  
ch\_settings

modsec\_che  
ck\_rule

modsec\_clo  
ne\_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  
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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\_confi  
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\_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  
er\_session\_l  
og

get\_transfer  
\_session\_st  
ate

pause\_trans  
fer\_session

remote\_basi  
c\_credential  
\_check

retrieve\_tran  
sfer\_session  
\_remote\_an  
alysis

start\_transfe  
r\_session

transfer\_mo  
dule\_schem  
a

validate\_sys  
tem\_user

▼ Updates

accept\_eula

get\_availabl  
e\_tiers

get\_current\_  
lts\_expiratio  
n\_status

get\_lts\_wex  
pire

getlongterm  
support

installed\_ver  
sions

set\_cpanel\_  
updates

set\_tier

update\_upd  
ateconf

version