

# WHM API 1 Functions - get\_autossl\_providers

## 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 lists available AutoSSL providers on the server.

## Examples

### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/get_autossl_providers?api.version=1
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/get_autossl_providers?api.version=1
```

### Command Line

```
whmapil get_autossl_providers
```

#### 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
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

#### Notes:

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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

Output (JSON)

```
{  
  "metadata": {  
    "reason": "OK",  
    "version": 1,  
    "result": 1,  
  
    "command": "get_autoss  
l_providers"  
  },  
  "data": {  
    "payload": [  
      {  
  
        "display_name": "cPane  
l (powered by  
Sectigo)",  
  
        "enabled": 1,  
  
        "module_name": "cPanel  
"  
      },  
      {  
  
        "display_name": "Let's  
Encrypt",  
  
        "enabled": 0,  
  
        "x_terms_of_service":  
"https://letsencrypt.  
org/documents/LE-SA-v  
1.0.1-July-27-2015.pdf",  
  
        "x_terms_of_service_a  
ccepted": "https://let  
sencrypt.org/document  
s/LE-SA-v1.0.1-July-2  
7-2015.pdf",  
  
        "module_name": "LetsEn  
crypt"  
      }  
    ]  
  }  
}
```

Output (XML)

```
<pre></pre>
```

Find a function

- WHM API 1 Sections - Security — Security functions allow you to manage system security services.
- WHM API 1 Functions - authorize sshkey — This function authorizes a key to access the server via SSH.

```

_id
verify_new_
username
  ▾ Addon Domains
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
st
api_token_r
evoke
api_token_u
pdate
disable_aut
hentication_
provider
disable_fail
ing_authenti
cation_provi
ders
enable_auth
entication_p
rovider
get_availabl
e_authentic
ation_provid
ers
get_login_ur
l
get_provider
_client_conf
igurations
get_provider
_configurati
on_fields
get_provider
_display_co

```

```

<result>
  <data>
    <payload>

    <module_name>cPanel</
module_name>

    <display_name>cPanel
(powered by
Sectigo)</display_nam
e>

    <enabled>1</enabled>
    </payload>
    <payload>

    <module_name>LetsEnry
pt</module_name>

    <display_name>Let's
Encrypt</display_name
>

    <x_terms_of_service>h
ttps://letsencrypt.or
g/documents/LE-SA-v1.
0.1-July-27-2015.pdf<
/x_terms_of_service>

    <x_terms_of_service_a
ccepted>https://letse
ncrypt.org/documents/
LE-SA-v1.0.1-July-27-
2015.pdf</x_terms_of_
service_accepted>

    <enabled>0</enabled>
    </payload>
  </data>
  <metadata>

  <result>1</result>

  <version>1</version>

  <reason>OK</reason>

  <command>get_autossl_
providers</command>
  </metadata>
</result>

```

- WHM API 1 Functions - check\_remote\_ssh\_connection — This function tests an SSH connection to another server.
- WHM API 1 Functions - convertopensslutty — This function converts an OpenSSH private key to a PuTTY key.

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\_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

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

## Parameters

This function does not accept parameters.

## Returns

Return	Type	Description	Possible values	Example
payload	array of hashes	This array of hashes contains information about available AutoSSL providers.	This array of hashes includes the <code>module_name</code> , <code>display_name</code> , and <code>enabled</code> returns.	
module_name	string	The AutoSSL provider module's name.  The function returns this value in the <code>payload</code> array of hashes.	A valid string.	cPanel
display_name	string	The AutoSSL provider module's display name.  The function returns this value in the <code>payload</code> array of hashes.	A valid string.	cPanel (powered by Sectigo)
enabled	Boolean	Whether the AutoSSL provider is enabled.  The function returns this value in the <code>payload</code> array of hashes.	<ul style="list-style-type: none"> <li>1 — Enabled.</li> <li>0 — Disabled.</li> </ul>	1

The `payload` array of hashes may include additional returns which begin with the `x_` prefix, depending on the AutoSSL provider module. For example, the Let's Encrypt provider module returns the following:

<p>backup_destination_get</p> <p>backup_destination_list</p> <p>backup_destination_set</p> <p>backup_destination_validate</p> <p>backup_get_transport_status</p> <p>backup_list_transported</p> <p>backup_set_list</p> <p>backup_set_list_combined</p> <p>backup_skip_users_all</p> <p>backup_skip_users_all_status</p> <p>backup_user_list</p> <p>convert_and_migrate_from_legacy_config</p> <p>get_users_with_backup_metadata</p> <p>list_cparchive_files</p> <p>start_background_package</p> <p>toggle_user_backup_state</p> <p>▼ cPHulk</p> <p>cphulk_status</p> <p>create_cphulk_record</p> <p>delete_cphulk_record</p> <p>disable_cphulk</p> <p>enable_cphulk</p> <p>flush_cphulk_login_history</p>	<p>x_terms_of_service</p>	<p>string</p>	<p>The URL of the provider's current terms of service.</p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p><b>Note</b> : If the terms of service available at the x_terms_of_service location is newer than the x_terms_of_service_location, the system administrator will need to accept the new terms of service.</p> </div> <p>The function returns this value in the payload array of hashes.</p>	<p>A valid publicly-available URL.</p>	<p><a href="https://letsencrypt.org/documents/LE-SA-v1.0.1-July-27-2015.pdf">https://letsencrypt.org/documents/LE-SA-v1.0.1-July-27-2015.pdf</a></p>
<p>delete_cphulk_record</p> <p>disable_cphulk</p> <p>enable_cphulk</p> <p>flush_cphulk_login_history</p>	<p>x_terms_of_service_accepted</p>	<p>Boolean</p>	<p>The URL of the provider's current terms of service. Whether the AutoSSL provider is enabled.</p> <p>The function returns this value in the payload array of hashes.</p>	<p>A valid publicly-available URL.</p>	<p><a href="https://letsencrypt.org/documents/LE-SA-v1.0.1-July-27-2015.pdf">https://letsencrypt.org/documents/LE-SA-v1.0.1-July-27-2015.pdf</a></p>

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\_config\_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  
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setresellerp  
ackagelimit

setupreselle  
r

suspendres  
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terminateres  
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unsuspendr  
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▼ 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  
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▼ Updates

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