

# WHM API 1 Functions - list\_mysql\_databases\_and\_users

## Guide to WHM API 1

- Return Data
- 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
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- restore\_queue\_clear\_all\_pending\_tasks
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- 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 retrieves the MySQL® database and user data for the specified account.

### Important:

In cPanel & WHM version 76 and later, when you disable the MySQL role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

## Examples

### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/list_mysql_databases_and_users?api.version=1&user=user1
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/list_mysql_databases_and_users?api.version=1&user=user1
```

## 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\_or\_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  
list_mysql_databases_  
and_users user=user1
```

**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

- \_id
- verify\_new\_username
- convert\_addon\_fetch\_conversion\_details
    - convert\_addon\_fetch\_domain\_details
    - convert\_addon\_get\_conversion\_status
    - convert\_addon\_initiate\_conversion
    - convert\_addon\_list\_addons\_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 (JSON)

```

{
  "data": {
    "mysql_databases": {
      "user1_database1": [
        "user1_user5"
      ]
    },
    "mysql_config": {
      "use_db_prefix": "1",
      "prefix_length": 8,
      "mysql-version": "5.5"
    },
    "metadata": {
      "reason": "OK",
      "version": 1,
      "command": "list_mysql_databases_and_users",
      "result": 1
    }
  }
}

```

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configurations

get\_users\_authn\_linked\_accounts

link\_user\_authn\_provider

set\_provider\_client\_configurations

set\_provider\_display\_configurations

two\_factor\_auth\_disable\_policy

two\_factor\_auth\_enable\_policy

two\_factor\_auth\_generate\_tfa\_config

two\_factor\_auth\_get\_issue

two\_factor\_auth\_get\_user\_configs

two\_factor\_auth\_policy\_status

two\_factor\_auth\_remove\_user\_config

two\_factor\_auth\_set\_issuer

two\_factor\_auth\_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

Output (XML)

```
<result>
  <metadata>

  <reason>OK</reason>

  <version>1</version>

  <result>1</result>

  <command>list_mysql_databases_and_users</command>
  </metadata>
  <data>

  <mysql_config>

  <use_db_prefix>1</use_db_prefix>

  <mysql-version>5.5</mysql-version>

  <prefix_length>8</prefix_length>

  </mysql_config>

  <mysql_databases>

  <user1_database1>user1_user5</user1_database1>

  </mysql_databases>
  </data>
</result>
```

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

Parameters

backup\_dest  
ination\_get

backup\_dest  
ination\_list

backup\_dest  
ination\_set

backup\_dest  
ination\_valid  
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backup\_get  
\_transport\_s  
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backup\_list\_  
transported

backup\_set\_  
list

backup\_set\_  
list\_combine  
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backup\_skip  
\_users\_all

backup\_skip  
\_users\_all\_s  
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backup\_use  
r\_list

convert\_and  
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m\_legacy\_c  
onfig

get\_users\_w  
ith\_backup\_  
metadata

list\_cparchiv  
e\_files

start\_backgr  
ound\_pkgac  
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toggle\_user  
\_backup\_sta  
te

▼ cPHulk

cphulk\_statu  
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create\_cphu  
lk\_record

delete\_cphu  
lk\_record

disable\_cph  
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enable\_cph  
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flush\_cphulk  
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Parameter	Type	Description	Possible values	Example
user	string	<b>Required</b>  The username for a specified account.	A valid string.	user1

## Returns

Return	Type	Description	Possible values	Example
mysql_config	hash	A hash of the user's MySQL database configuration settings.	This hash includes the user_db_prefix, mysql-version, and prefix_length returns.	
use_db_prefix	Boolean	Whether database prefixing is enabled on the server.  The function returns this value in the mysql_config hash.	<ul style="list-style-type: none"> <li>1 — Enabled.</li> <li>0 — Disabled.</li> </ul>	1
mysql-version	integer	The MySQL version installed on the server.  The function returns this value in the mysql_config hash.	A positive integer.	5.5
prefix_length	integer	The maximum number of characters allowed for the prefix on this server.  The function returns this value in the mysql_config hash.	8 or 16, dependent upon the installed version of MySQL.	8
mysql_databases	hash	A hash of database names and users.	This hash includes the database_user r return.	

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

database_user	array	<p>A list of database users.</p> <p>The function returns this value in the <code>mysql_databases</code> hash.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>Note</b> : The return's name is the MySQL database's name.</p> </div>	A comma-separated list of database users.	user1_user5
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▼ 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

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  
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▼ 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  
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cpgreylist\_li  
st\_entries\_f  
or\_common  
\_mail\_provid  
er  
  
cpgreylist\_lo  
ad\_common  
\_mail\_provid



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ust\_entries\_  
for\_common  
\_mail\_provid  
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cpgreylist\_u  
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create\_cpgr  
eylist\_truste  
d\_host

delete\_cpgr  
eylist\_truste  
d\_host

disable\_cpgr  
eylist

enable\_cpgr  
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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  
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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\_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  
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modsec\_de  
ploy\_setting  
s\_changes

modsec\_dis  
able\_rule

modsec\_dis  
able\_vendor

modsec\_dis  
able\_vendor  
\_configs

modsec\_dis  
able\_vendor  
\_updates

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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

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get\_users\_f  
eatures\_sett  
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getfeaturelis  
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getpkginfo

killpkg

listpkgs

manage\_fea  
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matchpkgs

read\_feature  
list

remove\_ove  
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s\_for\_user

update\_feat  
urelist

verify\_user\_  
has\_feature

▼ PHP

convert\_all\_  
domains\_to  
\_fpm

get\_fpm\_co  
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is\_conversio  
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php\_get\_def  
ault\_accoun  
ts\_to\_fpm

php\_get\_ha  
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php\_get\_ins  
talled\_versio  
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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

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php\_set\_ses  
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▼ Resellers

acctcounts

get\_public\_c  
ontact

getresellerip  
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listacIs

listresellers

resellerstats

saveacllist

set\_public\_c  
ontact

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▼ RPM

delete\_rpm\_  
version

edit\_rpm\_ve  
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get\_rpm\_ver  
sion\_data

install\_rpm\_  
plugin

list\_rpms

package\_m  
anager\_fixc  
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package\_m  
anager\_get\_  
build\_log

package\_m  
anager\_get\_  
package\_inf  
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package\_m  
anager\_is\_p  
erforming\_a  
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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  
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fetch\_securi  
ty\_advice

generatessh  
keypair

importsshke  
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listsshkeys

▼ Server

Administration

add\_configcl  
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configureba  
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configureser  
vice

cors\_proxy\_  
get

create\_user  
\_session

delete\_conf  
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enable\_mon  
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bled\_service  
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get\_all\_cont  
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get\_appconf  
ig\_applicatio  
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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  
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get\_service\_  
config

get\_service\_  
config\_key

get\_tcp4\_so  
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get\_tcp6\_so  
ckets

get\_tweakse  
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get\_udp4\_s  
ockets

get\_udp6\_s  
ockets

get\_update\_  
availability

get\_users\_li  
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getdiskusag  
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gethostname

is\_role\_ena  
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list\_configcl  
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loadavg

nvget

nvset

personalizati  
on\_get

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on\_set

purchase\_a  
\_license

reboot

remove\_in\_  
progress\_ex  
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restartservic  
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restore\_conf  
ig\_from\_file

restore\_conf  
ig\_from\_upl  
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run\_cpkeyclt

send\_test\_p  
osturl

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on\_contact\_  
importance

set\_primary  
\_servernam  
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set\_service\_  
config\_key

set\_tweakse  
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sethostname

setminimum  
passwordstr  
engths

start\_profile  
\_activation

system\_nee  
ds\_reboot

systemloada  
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update\_conf  
igclusterserv  
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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  
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fetch\_ssl\_ce  
rtificates\_for  
\_fqdns

fetch\_ssl\_vh  
osts

fetch\_vhost  
\_ssl\_compo  
nents

fetchcrtinfo  
fetchsslinfo  
generatessl  
get\_autoss  
\_check\_sch  
edule  
get\_autoss  
\_log  
get\_autoss  
\_logs\_catalo  
g  
get\_autoss  
\_metadata  
get\_autoss  
\_pending\_q  
ueue  
get\_autoss  
\_pending\_q  
ueue\_for\_do  
main  
get\_autoss  
\_pending\_q  
ueue\_for\_us  
er  
get\_autoss  
\_problems\_f  
or\_domain  
get\_autoss  
\_problems\_f  
or\_user  
get\_autoss  
\_providers  
get\_best\_ssl  
domain\_for\_  
service  
install\_servi  
ce\_ssl\_certif  
icate  
installssl  
listcrts  
rebuildinstall  
edssldb  
rebuildusers  
sldb  
reset\_autos  
sl\_provider  
reset\_servic  
e\_ssl\_certifi  
cate  
set\_autoss\_  
metadata  
set\_autoss\_  
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  
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  
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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