

# WHM API 1 Functions - modsec\_assemble\_config\_text

## 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 adds text to a ModSecurity™ configuration file.

### Important:

In cPanel & WHM version 76 and later, when you disable the `WebServerRole`, 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/modsec_assemble_config_text?api.version=1&config=modsec_vendor_configs%2Fexample.conf&text=newtext&init=1&final=1&deploy=1
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/modsec_assemble_config_text?api.version=1&config=modsec_vendor_configs%2Fexample.conf&text=newtext&init=1&final=1&deploy=1
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

### Notes:

- Scro
- Ycmtus20 or 20)tc

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  
removeacct  
set\_digest\_auth  
showbw  
suspendacct  
unsuspendacct  
untrack\_acct\_id  
verify\_new\_

Command Line

```
whmapil  
modsec_assemble_config_text  
config=modsec_vendor_configs%5C%2Fexample.conf text=newtext  
init=1 final=1  
deploy=1
```

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)

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

Find a function

- WHM API 1 Functions - `modsec_add_rule` - This function adds a new rule to a Mod Security™ configuration staging file.

- username
- 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
- api\_token\_c
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  - api\_token\_li
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  - api\_token\_r
    - evoke
  - api\_token\_u
    - pdate
  - disable\_aut
    - hentication\_
    - provider
  - disable\_fai
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    - 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
    - nfigurations
  - get\_users\_a

### Output (XML)

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

  <command>modsec_assem
ble_config_text</comm
and>

  <reason>OK</reason>

  <result>1</result>

  <version>1</version>
</metadata>
</result>
```

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

- WHM API 1 Functions - modsec\_assemble\_config\_text — This function adds text to a ModSecurity™ configuration file.
- WHM API 1 Functions - modsec\_add\_vendor or — This function adds a new ModSecurity™ vendor rule set to the server.

### Parameters

Parameter	Type	Description	Possible values	Example
config	string	<b>Required</b> The ModSecurity™ configuration file's path and name.	A valid path and filename, relative to the /etc/apache2/conf/ directory.	modsec_vendor_configs/example.conf
text	string	The text to add to the configuration file.  This parameter defaults to an empty string.	A valid string.	newtext
init	Boolean	Whether to add the text as the initial upload to the configuration file.  This value defaults to 0.	<ul style="list-style-type: none"> <li>• 1 — Initial upload.</li> <li>• 0 — <b>Not</b> the initial upload.</li> </ul>	1

**Note:**

- Y

uthn\_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\_date\_list  
backup\_destination\_add  
backup\_destination\_delete  
backup\_destination\_get

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- WHM API 1 Functions - modsec\_clone\_rule  
— This function copies a Mod Security™ rule with a new rule ID.

backup\_dest  
ination\_list

backup\_dest  
ination\_set

backup\_dest  
ination\_valid  
ate

backup\_get  
\_transport\_s  
tatus

backup\_list\_  
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backup\_set\_  
list

backup\_set\_  
list\_combine  
d

backup\_skip  
\_users\_all

backup\_skip  
\_users\_all\_s  
tatus

backup\_use  
r\_list

convert\_and  
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get\_users\_w  
ith\_backup\_  
metadata

list\_cparchiv  
e\_files

start\_backgr  
ound\_pkgac  
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toggle\_user  
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▼ cPHulk

cphulk\_statu  
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create\_cphu  
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delete\_cphu  
lk\_record

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\_login\_histo  
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flush\_cphulk  
\_login\_histo

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ry\_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

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remote_mysql_monitor_profile_activation			e		
remote_mysql_read_profile	final	Boolean	Whether to add the text as the final upload to the configuration file.  This parameter defaults to 0.	<ul style="list-style-type: none"> <li>1 — Final upload.</li> <li>0 — <b>Not</b> the final upload.</li> </ul>	1
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					
<div style="margin-left: 20px;"> <span style="color: blue;">▼</span> DNS         </div> adddns addzonerecord addzonerecord (Reverse DNS) dumpzone editzonerecord get_nameserver_config getzonerecord has_local_authority killdns					
			<b>Note</b> <b>s:</b> <ul style="list-style-type: none"> <li>Y o u m u s t u s e t h i s p a r a m e t e r i f y o u w i s h t o a d d t h e t e x t a s t h e f i n a l c h a n g e t o</li> </ul>		

listmxs  
listzones  
lookupnsip  
lookupnsips  
removezone  
record  
resetzone  
resolvedom  
ainname  
savemxs  
setresolvers  
update\_nam  
eservers\_co  
nfig

▼ EasyApache

ea4\_get\_cur  
rently\_install  
ed\_package  
s  
  
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

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\_mail\_provid  
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cpgreylist\_u  
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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  
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remove\_inte  
gration\_link

e  
• You must use the ini parameter to write this parameter to the configuration file if you wish to only make one change to the co

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  
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expunge\_m  
ailbox\_mess  
ages

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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\_current\_installation

		e		
deploy	<i>Boolean</i>	Whether to deploy the new text to the system.  This parameter defaults to 0.	<ul style="list-style-type: none"><li>• 1 — Deploy.</li><li>• 0 — Do not deploy.</li></ul>	1

## Returns

This function only returns metadata.

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\_mar  
ket\_provider

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

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

get\_market\_  
providers\_lis  
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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\_confi  
g\_text

modsec\_bat  
ch\_settings

modsec\_che  
ck\_rule

modsec\_clo  
ne\_rule

modsec\_de  
ploy\_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\_ma

ke\_config\_in  
active

modsec\_pre  
view\_vendor

modsec\_re  
move\_rule

modsec\_re  
move\_settin  
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modsec\_re  
move\_vend  
or

modsec\_rep  
ort\_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  
age

create\_featu  
relist

delete\_featu  
relist

delpkgext

editpkg

get\_availabl  
e\_applicatio  
ns

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e\_featurelist  
s

get\_feature\_  
metadata

get\_feature\_  
names

get\_featureli  
st\_data

get\_featureli  
sts

get\_users\_features\_settings

getfeaturelist

getpkginfo

killpkg

listpkgs

manage\_features

matchpkgs

read\_featurelist

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\_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  
saveaclist  
set\_public\_c  
ontact  
setacIs  
setresellerip  
s  
setresellerli  
mits  
setresellerm  
ainip  
setresellern  
ameservers  
setresellerp  
ackagelimit  
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suspendres  
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terminateres  
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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

deletesshkey

fetch\_security\_advice

generatesshkeypair

importsshkey

listsshkeys

▼ Server

Administration

add\_configclusterserver

configurebackgroundprocesskiller

configureservice

cors\_proxy\_get

create\_user\_session

delete\_configclusterserver

enable\_monitor\_all\_enabled\_services

get\_all\_contact\_importances

get\_application\_list

get\_application\_contact\_event\_importance

get\_application\_contact\_importance

get\_available\_profiles

get\_current\_profile

get\_password\_strength

get\_remote\_access\_has

get\_service\_config

get\_service\_

config\_key  
get\_tcp4\_sockets  
get\_tcp6\_sockets  
get\_tweaksetting  
get\_udp4\_sockets  
get\_udp6\_sockets  
get\_update\_availability  
get\_users\_links  
getdiskusage  
gethostname  
is\_role\_enabled  
list\_configclusterservers  
loadavg  
nvget  
nvset  
personalization\_get  
personalization\_set  
purchase\_license  
reboot  
remove\_in\_progress\_exim\_config\_edit  
restartservice  
restore\_config\_from\_file  
restore\_config\_from\_upload  
run\_cpkeyctl  
send\_test\_posturl  
send\_test\_pushbullet\_note  
servicestatus

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

set\_primary  
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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  
vg

update\_conf  
igclusterserv  
er

update\_cont  
act\_email

verify\_aim\_a  
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verify\_icq\_a  
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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\_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  
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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  
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installssl  
listcrts  
rebuildinstall  
edssldb  
rebuildusers  
sldb  
reset\_autos  
sl\_provider  
reset\_servic  
e\_ssl\_certifi  
cate  
set\_autoss\_  
metadata  
set\_autoss\_  
metadata\_k  
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set\_autoss\_  
provider

start\_autoss  
l\_check\_for\_  
all\_users

start\_autoss  
l\_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