

# WHM API 1 Functions - addips

## 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 adds an IPv4 address or addresses to the server.

## Examples

### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/addips?api.version=1&ips=192.168.0.20&netmask=255.255.255.0
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/addips?api.version=1&ips=192.168.0.20&netmask=255.255.255.0
```

### Command Line

```
whmapil addips  
ips=192.168.0.20  
netmask=255.255.255.0
```

#### 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
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

#### Notes:

- Scro
- Yc
- mi
- us
- 20
- or
- 20
- ) t

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

Accounts

accountsummary  
applist  
createacct  
domainuserdata  
editquota  
forcepasswordchange  
get\_domain\_info  
getdomainowner  
has\_digest\_auth  
has\_myconf\_for\_cpuser  
limitbw  
list\_users  
listaccts  
listlockedaccounts  
listsuspended  
modifyacct  
myprivs  
passwd  
removeacct  
set\_digest\_auth  
showbw  
suspendacct  
unsuspendacct  
untrack\_acct\_id  
verify\_new\_username

Output (JSON)

```
{  
  "metadata": {  
    "version": 1,  
    "reason":  
"Success",  
    "output": {  
      "messages": [  
        "eth0:cp1 is  
now up.  
192.168.0.20/255.255.  
255.0 broadcast  
192.168.0.255 has  
been added.",  
        "1"  
      ]  
    },  
    "result": 1,  
    "command":  
"addips"  
  }  
}
```

Find a function

- WHM API 1 Functions - ipv6\_rangeedit — This function changes an IPv6 address range's name and note.

- convert\_add\_on\_fetch\_conversion\_details
  - convert\_add\_on\_fetch\_detail\_main\_details
  - convert\_add\_on\_get\_conversion\_status
  - convert\_add\_on\_initiate\_conversion
  - convert\_add\_on\_list\_additions\_domains
  - convert\_add\_on\_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\_configurations
  - get\_users\_authn\_linked

### Output (XML)

```

<result>
  <metadata>

  <version>1</version>

  <reason>Success</reason>

  <output>

  <messages>

  eth0:cpl is now up.
  192.168.0.20/255.255.
  255.0 broadcast
  192.168.0.255 has
  been added.

  </messages>

  <messages>1</messages>
  >

  </output>

  <result>1</result>

  <command>addips</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
ips	string	<b>Required</b> The IPv4 address or addresses.	A valid IPv4 address or address range in Class C CIDR format.	192.168.0.0 192.168.0.20/28

- WHM API 1 Functions - ipv6\_range\_remove — This function removes an IPv6 address range from the server.
  - WHM API 1 Functions - ipv6\_enable\_account — This function assigns an IPv6 address to one or more accounts.

[\\_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](#)

netmask	<i>string</i>	<b>Required</b> The IPv4 address' netmask.	A valid IPv4 netmask address.  If the <code>ips</code> parameter is in Class C CIDR format, the range mask <b>must</b> be a value from 24 through 30.	255.255.255.0
excludes	<i>string</i>	An IPv4 address or addresses to exclude.  If you do not specify a value, the function does not exclude any IPv4 addresses.	A comma-delimited list of IPv4 addresses.	192.168.0.1, 192.168.0.2

- WHM API 1 Functions - `ipv6_disable_account` — This function removes the IPv6 address from an account.

## Returns

**Note:** This function outputs these returns in the metadata.

### Backups

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

Return	Type	Description	Possible values	Example
output	<i>hash</i>	A hash of output messages.	The hash includes the messages return.	

ination\_list  
 backup\_dest  
 ination\_set  
 backup\_dest  
 ination\_valid  
 ate  
 backup\_get  
 \_transport\_s  
 tatus  
 backup\_list\_  
 transported  
 backup\_set\_  
 list  
 backup\_skip  
 \_users\_all  
 backup\_skip  
 \_users\_all\_s  
 tatus  
 backup\_use  
 r\_list  
 convert\_and  
 \_migrate\_fro  
 m\_legacy\_c  
 onfig  
 get\_users\_w  
 ith\_backup\_  
 metadata  
 list\_cparchiv  
 e\_files  
 start\_backgr  
 ound\_pkgac  
 ct  
 toggle\_user  
 \_backup\_sta  
 te

messages	array	An array of the function call's raw output.  The function returns this array in the output hash.	An array of valid strings.	<a href="#">Click to view...</a> <pre>eth0:cpl is now up. 192.168. 0.20/255 .255.255 .0 broadcast 192.168. 0.255 has been added.</pre>
----------	-------	--------------------------------------------------------------------------------------------------------	----------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

▼ cPHulk

cphulk\_statu  
 s  
 create\_cphu  
 lk\_record  
 delete\_cphu  
 lk\_record  
 disable\_cph  
 ulk  
 enable\_cph  
 ulk  
 flush\_cphulk  
 \_login\_histo  
 ry  
 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\_mys  
ql\_monitor\_  
profile\_activ  
ation

remote\_mysql\_read\_profile

remote\_mysql\_read\_profiles

remote\_mysql\_update\_profile

remote\_mysql\_validate\_profile

rename\_mysql\_databases

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\_package  
s
- ea4\_get\_ea  
\_pkgs\_state
- ea4\_list\_pro  
files
- 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\_ip

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\_public\_ip

setsiteip

▼ Mail

disable\_dkim

disable\_mail\_sni

emailtrack\_search

emailtrack\_stats

emailtrack\_user\_stats

enable\_dkim

enable\_mail\_sni

ensure\_dkim\_keys\_exist

exim\_configuration\_check

expunge\_mailbox\_messages

expunge\_messages\_for\_mailbox\_guid

fetch\_dkim\_private\_keys

fetch\_mail\_  
queue

generate\_m  
obileconfig

get\_mailbox  
\_status

get\_mailbox  
\_status\_list

get\_user\_e  
mail\_forwar  
d\_destinatio  
n

hold\_outgoi  
ng\_email

install\_dkim  
\_private\_key  
s

install\_spf\_r  
ecords

is\_sni\_supp  
orted

list\_pops\_for

mail\_sni\_sta  
tus

rebuild\_mail  
\_sni\_config

release\_out  
going\_email

save\_spamd  
\_config

set\_user\_e  
mail\_forwar  
d\_destinatio  
n

suspend\_ou  
tgoing\_email

unsuspend\_  
outgoing\_e  
mail

validate\_cur  
rent\_installe  
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\_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\_added\_rule

modsec\_added\_vendor

modsec\_assemble\_config\_text

modsec\_batch\_settings

modsec\_check\_rule

modsec\_clone\_rule

modsec\_deploy\_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\_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\_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

get\_availabl  
e\_featurelist  
s

get\_feature\_  
metadata

get\_feature\_  
names

get\_featureli  
st\_data

get\_featureli  
sts

get\_users\_f  
eatures\_sett  
ings

getfeaturelis  
t

getpkginfo

killpkg

listpkgs

manage\_fea  
tures

matchpkgs

read\_feature  
list

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\_hosts\_by\_version

php\_get\_host\_versions

php\_ini\_get\_content

php\_ini\_get\_directives

php\_ini\_set\_content

php\_ini\_set\_directives

php\_set\_default\_accounts\_to\_fpm

php\_set\_handler

php\_set\_old\_fpm\_flag

php\_set\_session\_save\_p

ath

php\_set\_sys  
tem\_default  
\_version

php\_set\_vh  
ost\_versions

▼ Resellers

acctcounts

get\_public\_c  
ontact

getresellerip  
s

listacts

listresellers

resellerstats

saveacllist

set\_public\_c  
ontact

setacts

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  
shtoputty

deletesshke  
y

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\_tweakse  
tting

get\_update\_  
availability

get\_users\_li  
nks

getdiskusag  
e

gethostname

is\_role\_ena  
bled

list\_configcl  
usterservers

loadavg  
nvget  
nvset  
personalization\_get  
personalization\_set  
purchase\_application\_license  
reboot  
remove\_in\_progress\_exim\_configuration  
restartservice  
restore\_configuration\_from\_file  
restore\_configuration\_from\_upload  
run\_cpkeyctl  
send\_test\_posturl  
send\_test\_pushbullet\_notification  
servicestatus  
set\_application\_contact\_event\_importance  
set\_application\_contact\_importance  
set\_primary\_servername  
set\_service\_configuration\_key  
set\_tweaking  
sethostname  
setminimumpasswordstrengths  
start\_profile\_activation  
systemneeds\_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\_sch  
edule

get\_autossl  
\_log

get\_autossl  
\_logs\_catalo  
g

get\_autossl  
\_metadata

get\_autossl  
\_pending\_q  
ueue

get\_autossl  
\_pending\_q  
ueue\_for\_do  
main

get\_autossl  
\_pending\_q  
ueue\_for\_us  
er

get\_autossl  
\_problems\_f  
or\_domain

get\_autossl  
\_problems\_f  
or\_user

get\_autossl  
\_providers

get\_best\_ssl  
domain\_for\_  
service

install\_servi  
ce\_ssl\_certif  
icate

installssl

listcrts

rebuildinstall  
edssldb

rebuildusers  
sldb

reset\_autos  
ssl\_provider

reset\_servic  
e\_ssl\_certifi  
cate

set\_autossl\_  
metadata

set\_autossl\_  
metadata\_k  
ey

set\_autossl\_  
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