

# WHM API 1 Sections - IP Addresses

## 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](#)

## Introduction

IP address functions allow you to manage IP addresses and basic networking on your server.

## Available functions

- [WHM API 1 Functions - addips](#) — This function adds an IPv4 address or addresses to the server.
- [WHM API 1 Functions - delip](#) — This function removes an IP address from the server.
- [WHM API 1 Functions - get\\_public\\_ip](#) — This function returns the public IP address for a specified public or private IP address.
- [WHM API 1 Functions - get\\_shared\\_ip](#) — This function retrieves the IP address that an account shares with the accounts that it owns.
- [WHM API 1 Functions - ipv6\\_disable\\_account](#) — This function removes the IPv6 address from an account.
- [WHM API 1 Functions - ipv6\\_enable\\_account](#) — This function assigns an IPv6 address to one or more accounts.
- [WHM API 1 Functions - ipv6\\_range\\_add](#) — This function adds a range of IPv6 addresses to the server.
- [WHM API 1 Functions - ipv6\\_range\\_edit](#) — This function changes an IPv6 address range's name and note.
- [WHM API 1 Functions - ipv6\\_range\\_list](#) — This function lists available IPv6 address ranges.
- [WHM API 1 Functions - ipv6\\_range\\_remove](#) — This function removes an IPv6 address range from the server.
- [WHM API 1 Functions - ipv6\\_range\\_usage](#) — This function retrieves usage information for IPv6 addresses in an IPv6 range.
- [WHM API 1 Functions - listips](#) — This function lists a server's IP addresses.
- [WHM API 1 Functions - nat\\_checkip](#) — This function validates a public IP address on a NAT-configured server.
- [WHM API 1 Functions - nat\\_set\\_public\\_ip](#) — This function pairs a local IP address with a public IP address on NAT-configured servers.
- [WHM API 1 Functions - setsiteip](#) — This function changes a site's or account's IP address.

## WHM API 1 Basics

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

### Notes:

- Scro
- Ycmtus20 or 20 )t

## Related Documentation

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

- [Guide to WHM API 1 — WHM API 1](#) — WHM API 1 accesses the WHM interface's features.
- [WHM API 1 - Filter Output](#) — You can use additional variables to filter WHM API 1 output.
- [WHM API 1 - Sort Output](#) — You can use additional variables to sort WHM API 1 output.

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

- WHM API 1 - Paginate Output — You can use additional variables to paginate WHM API 1 output.
- WHM API 1 - Return Data — WHM API 1 outputs data in either JSON or XML format.

\_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

backup\_destination\_get

backup\_destination\_list

backup\_destination\_set

backup\_destination\_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\_state

▼ cPHulk

cphulk\_statuses

create\_cphulk\_record

delete\_cphulk\_record

disable\_cphulk

enable\_cphulk

flush\_cphulk\_login\_history

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

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  
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\_feature  
s\_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  
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  
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\_transfer\_session

analyze\_transfer\_session\_remote

available\_transfer\_modules

create\_remote\_root\_transfer\_session

create\_remote\_user\_transfer\_session

delete\_account\_archives

enqueue\_transfer\_item

fetch\_transfer\_session\_log

get\_transfer\_session\_state

pause\_transfer\_session

remote\_basic\_credential\_check

retrieve\_transfer\_session\_remote\_analysis

start\_transfer\_session

transfer\_module\_schema

validate\_system\_user

▼ Updates

accept\_eula

get\_available\_tiers

get\_current\_lts\_expiration\_status

get\_lts\_expire

getlongterm support

installed\_versions

set\_cpanel\_updates

set\_tier

update\_upd  
ateconf

version