

# WHM API 0 Functions - addip

## Guide to WHM API 0

Return Data

## Description

This function adds an IP address or addresses to the server.

## Examples

### Accounts

#### JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/addip?ip=192.168.0.20&netmask=255.255.255.0
```

#### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/addip?ip=192.168.0.20&netmask=255.255.255.0
```

#### Command Line

```
whmapi0 addip  
ip=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 0](#) documentation or run the `whmapi0 --help` command.
- If you run CloudLinux™, you **must** use the full path of the `whmapi0` command:

```
/usr/local  
/cpanel/bin  
whmapi0
```

## Function information

## About WHM API 0

WHM API 0 performs functions and accesses data in WHM.

accounts  
ummary

applist

createacct

domainuser  
data

editquota

limitbw

listaccts

listsuspended

modifyacct

myprivs

passwd

removeacct

showbw

suspendacct

unsuspendacct

### DNS

adddns

addzonerecord

dumpzone

editzonerecord

getzonerecord

killdns

listzones

lookupnsip

lookupnsips

removezone  
record

resetzone

setresolvers

### IP Addresses

addip

- delip
- listips
- setsiteip
- deliver\_mail\_queue
    - deliver\_messages\_mail\_queue
    - exim\_configuration\_check
    - fetch\_dockey
    - purge\_mail\_queue
    - remove\_in\_progress\_exim\_configuration
    - remove\_messages\_mail\_queue
    - unfreeze\_messages\_mail\_queue
    - validate\_current\_installed\_exim\_configuration
    - validate\_exim\_configuration\_syntax
  - addpkg
    - changepackage
    - editpkg
    - getfeaturelist
    - killpkg
    - listpkgs
  - acccounts
    - getresellerips
    - listacIs
    - listresellers
    - resellerstats
    - saveacllist
    - setacIs

### Output (JSON)

```
{
  "addip": [
    {
      "errors": [
      ],
      "status": 1,
      "statusmsg": "Success"
    },
    {
      "msgs": "eth0:4 is now up.
192.168.0.20/255.255.255.0 broadcast
192.168.0.255
      has been added\nSystem has 4 free ips."
    }
  ]
}
```

### Output (XML)

```
<addip>
  <addip>
    <msgs>eth0:2 is now up.
192.168.0.20/255.255.255.0 broadcast
192.168.0.255
      has been added System has 1 free ip.</msgs>
    <status>1</status>
    <statusmsg>Success</statusmsg>
  </addip>
</addip>
```

## Parameters

**Warning:**  
WHM API ( deprecated )  
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### Notes:

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## Find a function

- WHM API 0 Functions - addip — This function adds an IP address or addresses to the server.

setresellerips  
 setresellerlimits  
 setresellermanip  
 setresellernameservers  
 setresellerpackagelimit  
 setupreseller  
 suspendreseller  
 terminatereseller  
 unsetupreseller  
 unsuspendreseller  
 Server Administration  
 configureserver  
 gethostname  
 getlanglist  
 loadavg  
 nvget  
 nvset  
 reboot  
 restartservice  
 servicestatus  
 sethostname  
 SSL  
 fetchsslinfo  
 generatessl  
 installssl  
 listcerts  
 Updates  
 get\_available\_tiers  
 set\_cpanel\_updates  
 set\_tier  
 version

Parameter	Type	Description	Possible values	Example
ip	string	<b>Required</b> The IPv4 address or addresses.	A valid IPv4 address or addresses in CIDR format.	192.168.0.20 192.168.0.20/28
netmask	string	<b>Required</b> The IP address' subnet mask.	A valid IPv4 address netmask.	255.255.255.0

## Returns

Return	Type	Description	Possible values	Example
addip	array of hashes	An array of hashes of the function's results.	This hash includes the <code>msgs</code> , <code>status</code> , and <code>statusmsg</code> returns and the <code>errors</code> array.	
errors	array	A list of error messages.	A list of valid strings.	How about a nice tall glass of I Told You So, Morty?
msgs	string	The function's raw output.  This function returns this parameter in the <code>addip</code> hash.	A valid string.	<a href="#">Click to view...</a> <pre>eth0:2 is now up. 192.168. 0.20/255 .255.255 .0 broadcas t 192.168. 0.255 has been added System has 1 free ip.</pre>
status	Boolean	Whether the function succeeded.  This function returns this parameter in the <code>addip</code> hash.	<ul style="list-style-type: none"> <li>1 — Success.</li> <li>0 — Failure.</li> </ul>	1
statusmsg	string	A message of success or a reason for failure.  This function returns this parameter in the <code>addip</code> hash.	A valid string.	null

- WHM API 0 Functions - `delip` — This function removes an IP address from the server.
- WHM API 0 Functions - `listips` — This function lists available IP addresses on the server.
- WHM API 0 Functions - `setsiteip` — This function changes a site's or user's IP address.

