

Changing the XenServer Management IP Address

Command Summary:

- `xe pif-list`
- `xe pif-param-list uuid=<...>`
- `xe pif-reconfigure-ip uuid=<...> mode=static IP=<x.x.x.x> netmask=<x.x.x.x> gateway=<x.x.x.x>`

- › Login to the XenServer console as root user.
- › Use the “xe pif-list” command to list the physical interfaces to find the management interface and it’s corresponding uuid, in this example it is eth0.

```
[root@xenserver-iyheprcl ~]# xe pif-list
uuid ( RO) : eedcd261-5aac-7de6-f032-864d861b926c
device ( RO): eth0
...
```

- › Use the uuid from the management interface, and enter the “xe pif-param-list uuid=eedcd261-5aac-7de6-f032-864d861b926c” command, to verify it is the correct interface that you are about to change.

```
[root@xenserver-iyheprcl ~]# xe pif-param-list uuid=eedcd261-5aac-7de6-f032-864d861b926c
uuid ( RO) : eedcd261-5aac-7de6-f032-864d861b926c
device ( RO): eth0
MAC ( RO): 00:15:17:4a:c8:54
...
IP-configuration-mode ( RO): Static
IP ( RO): 192.168.100.10
netmask ( RO): 255.255.255.0
gateway ( RO): 192.168.100.1
...
```

- › Use the “xe pif-reconfigure-ip uuid=eedcd261-5aac-7de6-f032-864d861b926c mode=static IP=10.217.104.12 netmask=255.255.255.0 gateway=10.217.104.1” command to reconfigure the IP Address of the management interface, using the uuid for that interface, supplying the ip address, mask and gateway.

```
[root@xenserver-iyheprcl ~]# xe pif-reconfigure-ip uuid=eedcd261-5aac-7de6-f032-864d861b926c mode=static IP=10.217.104.12 netmask=255.255.255.0 gateway=10.217.104.1
```

- › Use the “`xe pif-param-list uuid=eedcd261-5aac-7de6-f032-864d861b926c`” command, to verify the ip address was changed.

```
uuid ( RO) : eedcd261-5aac-7de6-f032-864d861b926c
device ( RO): eth0
MAC ( RO): 00:15:17:4a:c8:54
...
IP-configuration-mode ( RO): Static
IP ( RO): 10.217.104.12
netmask ( RO): 255.255.255.0
gateway ( RO): 10.217.104.1
...
```

Note:

You can condense the first steps by using the params and `--minimal` features of `xe`.

For example, to determine the UUID of the management interface, try something like:

```
“xe pif-list management=true params=uuid --minimal”
```

You can then use this in a subshell, like this:

```
“xe pif-reconfigure-ip uuid=$(xe pif-list management=true params=uuid --minimal) mode=static ...”
```

Also, if you make this change on the master in a pool, the slaves might become disconnected. In this case you should call “`xe pool-recover-slaves`” to cause the slaves to be updated with the new master IP address.

Note:

Please note that these steps apply to XenServer 4.1. For previous versions use this:

```
http://support.citrix.com/article/CTX116372.
```

In the next release of XenServer networking changes can be done from XenCenter, before you move the XenServer.

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