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Subject: Re: create a private network.

Posted by [kingneutron](#) on Sat, 26 May 2007 09:21:48 GMT

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--You may need to remove the interface and re-add it.

--Here's what I did for host-only net; Centos 5--64 host and Debian 4 VE:

```
' vzctl set 101 --netif_add eth0,00:12:34:56:78:9D,veth101.0,00:12:34:56:78:01 --save '
```

-- ' dhclient eth0 ' did not work in guest; \*\* NOTE: it may be worthwhile for openvz to implement a VE DHCP server for guests

```
' ifconfig veth101.0 172.16.0.3 netmask 255.255.0.0 up '
```

```
(( guest:
```

```
' ifconfig eth0 172.16.1.3 netmask 255.255.0.0 up '
```

```
' ping 172.16.0.3 '
```

```
))
```

```
' ping 172.16.1.3 '
```

```
' nmap 172.16.1.3 ' # Revealed ssh
```

--I ssh'd to another local box on my net and configged it for 172.16 access, and it was \*not\* able to see the VE--host-only net -- which is what we want.

--Back on the openvz box:

```
((
```

```
' time nmap -F -v -r 172.16.0.3 '
```

Starting Nmap 4.11 ( <http://www.insecure.org/nmap/> ) at 2007-05-26 04:15 CDT

Initiating ARP Ping Scan against 172.16.0.3 [1 port] at 04:15

The ARP Ping Scan took 0.00s to scan 1 total hosts.

DNS resolution of 1 IPs took 0.02s.

Initiating SYN Stealth Scan against 172.16.0.3 [1239 ports] at 04:15

Discovered open port 21/tcp on 172.16.0.3

Discovered open port 22/tcp on 172.16.0.3

The SYN Stealth Scan took 35.76s to scan 1239 total ports.

Host 172.16.0.3 appears to be up ... good.

Interesting ports on 172.16.0.3:

Not shown: 1192 filtered ports, 45 closed ports

PORT STATE SERVICE

21/tcp open ftp

22/tcp open ssh

MAC Address: 00:12:34:56:78:01 (Camille Bauer)

Nmap finished: 1 IP address (1 host up) scanned in 36.122 seconds

Raw packets sent: 2439 (107.314KB) | Rcvd: 48 (1930B)

```
real 0m36.131s
user 0m0.349s
sys 0m0.021s
))
```

--Compare this to scan run on the host:

```
[[
' time nmap 172.16.1.3 '
```

Starting Nmap 4.20 ( <http://insecure.org> ) at 2007-05-26 04:20 CDT

Interesting ports on 172.16.1.3:

Not shown: 1696 closed ports

PORT STATE SERVICE

22/tcp open ssh

MAC Address: 00:12:34:56:78:9D (Camille Bauer)

Nmap finished: 1 IP address (1 host up) scanned in 1.303 seconds

```
real 0m1.315s
user 0m0.153s
sys 0m0.044s
]]
```