

Linux KVM: Disable virbr0 NAT Interface

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The virtual network (virbr0) used for Network address translation (NAT) which allows guests to access to network services. However, NAT slows down things and only recommended for desktop installations. To disable Network address translation (NAT) forwarding type the following commands:

Display Current Setup

Type the following command:

```
# ifconfig
```

Sample outputs:

```
virbr0  Link encap:Ethernet HWaddr 00:00:00:00:00:00      inet addr:192.168.122.1
Bcast:192.168.122.255 Mask:255.255.255.0      inet6 addr: fe80::200:ff:fe00:0/64
Scope:Link      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1      RX
packets:0 errors:0 dropped:0 overruns:0 frame:0      TX packets:39 errors:0 dropped:0
overruns:0 carrier:0      collisions:0 txqueuelen:0      RX bytes:0 (0.0 b) TX bytes:7921
(7.7 KiB)
```

Or use the following command:

```
# virsh net-list
```

Sample outputs:

```
Name          State  Autostart ----- default  active
yes
```

To disable virbr0, enter:

```
# virsh net-destroy default
```

```
# virsh net-undefine default
```

```
# service libvirtd restart
```

```
# ifconfig
```