



KVM no Linux

Instalação, Configuração e Gerenciamento - EP01

1 - INSTALAÇÃO DO KVM

```
$ apt-get install libvirt-daemon qemu-kvm libvirt-clients qemu-system-x86 bridge-utils virtinst  
libvirt-daemon-system virt-top libguestfs-tools libosinfo-bin qemu-system virt-manager joe htop iotop  
p7zip-full nmap
```

2 - LISTA AS REDES DO KVM

```
$ virsh net-list --all  
Name           State Autostart Persistent  
-----  
default        inactive no          yes
```

3 - LISTA O DHCP DO KVM

```
$ cat /etc/libvirt/qemu/networks/default.xml
```

4 - CONFIGURANDO A REDE DEFAULT DO KVM

```
$ cd /etc/libvirt/qemu/networks/  
$ virsh net-define --file default.xml  
$ virsh net-start default  
$ virsh net-autostart default  
$ virsh net-list --all  
Name           State Autostart Persistent  
-----  
default        active  yes          yes
```

5 - CRIA INTERFACE BRIDGE DO KVM

```
$ cd /etc/libvirt/qemu/networks  
$ nano macvtap-net.xml  
<network>  
  <name>macvtap-net</name>  
  <forward mode="bridge">  
    <interface dev="bond0.2250"/>  
  </forward>  
</network>
```

EXEMPLO DO ARQUIVO OPERACIONAL

```
#:etc/libvirt/qemu/networks# cat macvtap-net.xml
```

```
<!--
```

WARNING: THIS IS AN AUTO-GENERATED FILE. CHANGES TO IT ARE LIKELY TO BE
OVERWRITTEN AND LOST. Changes to this xml configuration should be made using:

```
virsh net-edit macvtap-net
```

or other application using the libvirt API.

```
-->
```

```
<network>
```

```
<name>macvtap-net</name>
```

```
<uuid>028d3327-70ca-469e-805a-9a079be6d1bc</uuid>
```

```
<forward dev='bond0.2250' mode='bridge'>
```

```
<interface dev='bond0.2250'>
```

```
</forward>
```

```
</network>
```

6 - CONFIGURANDO A REDE BRIDGE MACVTAP DO KVM

```
$ cd /etc/libvirt/qemu/networks
```

```
$ virsh net-define macvtap-net.xml
```

```
$ virsh net-start macvtap-net
```

```
$ virsh net-autostart macvtap-net
```

```
$ virsh net-list --all
```

Name	State	Autostart	Persistent
default	active	yes	yes
macvtap-net	active	yes	yes

7 - TESTANDO A INTERFACE DO KVM

```
$ libvirtd
```

8 - ACESSANDO REMOTAMENTE O KVM EM OUTRO HOST

```
$ apt-get install ssh-askpass-gnome
```

```
$ apt-get install openssh-server
```

9 - CONSIDERAÇÕES FINAIS

Muito obrigado por ter assistido o vídeo até o final.