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

```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 E ACESSANDO REMOTAMENTE O KVM EM OUTRO HOST

$ libvirtd
$ apt-get install ssh-askpass-gnome
$ apt-get install openssh-server