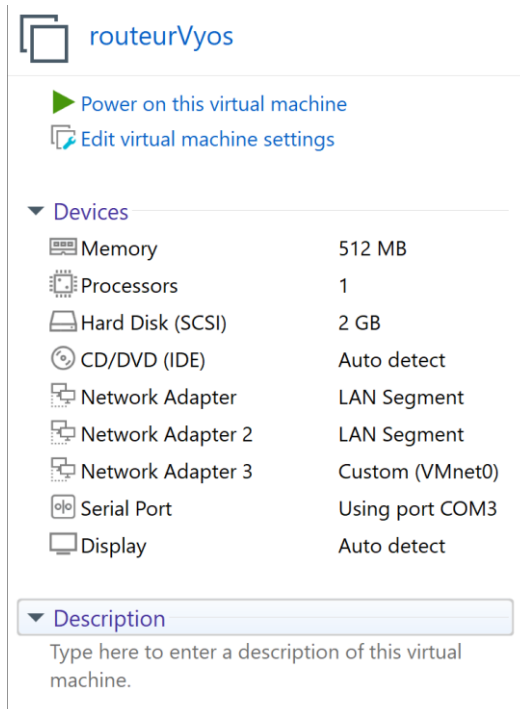


Compte rendue routeur VYOS FTP

Faire cette configuration de base



Lancer la machine, puis connecter vous en 'vyos' mdp vyos

```
Skipping font and keymap setup (handled by console-setup).
Setting up console font and keymap...done.
INIT: Entering runlevel: 2
Using makefile-style concurrent boot in runlevel 2.
Starting enhanced syslogd: rsyslogd.
Starting ACPI services....
Starting deferred execution scheduler: atd.
Starting open-vm daemon: vmtoolsd.
Starting network plug daemon: netplugd.
Starting periodic command scheduler: cron.
Loading cpufreq kernel modules...done (none).
Starting routing daemons: ripd ripngd ospfd ospf6d bgpd.
Mounting VyOS Config...done.
Starting VyOS router: migrate rl-system firewall configure.
Starting vyos-intfwatcd: vyos-intfwatcd.

Welcome to VyOS - vyos tty1

vyos login: vyos
Password:
Login timed out after 60 seconds.

Welcome to VyOS - vyos tty1

vyos login: _
```

Ensuite taper toutes les commandes suivantes :

sudo loadkeys fr (mettre le clavier en français)

install image (Pour lancer l'installation de VyOS)

sudo dpkg-reconfigure keyboard-configuration (Pour passer le clavier définitivement en Azerty/Français)

configure

set service ssh

commit

Save (Pour activer le ssh, Il faut entrer en mode configuration et activer le service SSH)

```
vyos@vyos:~$ configure
[edit]
vyos@vyos# set service ssh
[edit]
vyos@vyos# commit
[ service ssh ]
Restarting OpenBSD Secure Shell server: sshd.

[edit]
vyos@vyos# save
Saving configuration to '/config/config.boot'...
Done
[edit]
vyos@vyos# _
```

show interface (Pour afficher les interfaces réseaux)

```
vyos@vyos# set service ssh
[edit]
vyos@vyos# commit
[ service ssh ]
Restarting OpenBSD Secure Shell server: sshd.

[edit]
vyos@vyos# save
Saving configuration to '/config/config.boot'...
Done
[edit]
vyos@vyos# show interface
  ethernet eth0 {
    hw-id 00:0c:29:13:18:76
  }
  ethernet eth1 {
    hw-id 00:0c:29:13:18:80
  }
  ethernet eth2 {
    hw-id 00:0c:29:13:18:8a
  }
  loopback lo {
  }
[edit]
vyos@vyos#
```

Configure (Pour attribuer des adresse IP à ses interfaces)

Configuration des passerelles en mode configuration

set interfaces ethernet eth0 address 192.168.0.254/24

set interface ethernet eth0 description LAN1

set interfaces ethernet eth1 address 192.168.1.254/24

set interface ethernet eth1 description LAN2

```
    ethernet eth2 {  
        hw-id 00:0c:29:13:18:8a  
    }  
    loopback lo {  
    }  
[edit]  
vyos@vyos# configure  
  
    Invalid command: [configure]  
  
[edit]  
vyos@vyos# configure  
  
    Invalid command: [configure]  
  
[edit]  
vyos@vyos# set interface ethernet eth0 address 192.168.0.254/24  
[edit]  
vyos@vyos# set interface ethernet eth0 description LAN1  
[edit]  
vyos@vyos# set interface ethernet eth1 address 192.168.1.254/24  
[edit]  
vyos@vyos# set interface ethernet eth1 description LAN2  
[edit]  
vyos@vyos# _
```

Configuration de l'accès internet avec le protocole NAT en mode configuration

set interfaces ethernet eth2 address dhcp

set interface ethernet eth2 description WAN

set nat source rule 10 description ACCES-INTERNET

set nat source rule 10 outbound-interface eth2

set nat source rule 10 source address 192.168.0.0/22

set nat source rule 10 translation address masquerade

Commit

Save (Enregistrer la configuration)

```
[edit]  
vyos@vyos# set interface ethernet eth1 description LAN2  
[edit]  
vyos@vyos# set interfaces ethernet eth2 address dhcp  
[edit]  
vyos@vyos# set interface ethernet eth2 description WAN  
[edit]  
vyos@vyos# set nat source rule 10 description ACCES-INTERNET  
[edit]  
vyos@vyos# set nat source rule 10 outbound-interface eth2  
[edit]  
vyos@vyos# set nat source rule 10 source address 192.168.0.0/22  
[edit]  
vyos@vyos# set nat source rule 10 translation address masquerade  
[edit]  
vyos@vyos# commit  
[ interfaces ethernet eth2 address dhcp ]  
Starting DHCP client on eth2 ...  
  
[edit]  
vyos@vyos# save  
Saving configuration to '/config/config.boot'...  
Done  
[edit]  
vyos@vyos#
```

Configuration du relai-DHCP en mode configuration

set service dhcp-relay interface eth0

set service dhcp-relay interface eth1

set service dhcp-relay server 192.168.0.1

commit

save

```
[ interfaces ethernet eth2 address dhcp ]
Starting DHCP client on eth2 ...

[edit]
vyos@vyos# save
Saving configuration to '/config/config.boot'...
Done
[edit]
vyos@vyos# set service dhcp-relay interface eth0
[edit]
vyos@vyos# set service dhcp-relay interface eth1
[edit]
vyos@vyos# set service dhcp-relay server 192.168.0.1
[edit]
vyos@vyos# commit
[ service dhcp-relay ]
Stopping dhcrelay: OK
Starting dhcrelay: OK

[edit]
vyos@vyos# save
Saving configuration to '/config/config.boot'...
Done
[edit]
vyos@vyos# _
```