

Installing VYOS:

wget <https://downloads.vyos.io/release/1.1.8/vyos-1.1.8-amd64.iso>

openstack image create --disk-format iso --container-format bare --public --file ./vyos-1.1.8-amd64.iso vyos118

Installing Image:

This requires ephemeral disk and need to further study the virtual partition possibilities in OpenStack.

install image

Guide: https://wiki.vyos.net/wiki/User_Guide

Starting VYOS:

Username: vyos

Password: vyos

Configuration Mode

configure

Saving and Exit

Commit

save

exit

! or discard configurations

exit discard

DHCP Interface:

```
configure
set interfaces ethernet eth0 address dhcp
set interfaces ethernet eth0 description 'OUTSIDE'
```

ADDRESS:

```
set interfaces ethernet eth1 address '192.168.0.1/24'
set interfaces ethernet eth1 description 'INSIDE'
```

Show Commands

```
show interfaces
show nat source statistics
```

NAT

Guide: <https://www.fir3net.com/Routers/Brocade/vyatta-how-do-i-configure-nat.html>

```
set nat source rule 10 outbound-interface 'eth2'
set nat source rule 10 protocol 'all'
set nat source rule 10 translation address masquerade
```

Static Route:

```
set protocols static route 0.0.0.0/0 next-hop 203.0.113.1
```

Rollback:

```
compare 1
rollback 1
```

And reboot! - This needs ephemeral disk