**Installing on Hyper-V**

Create a VM: 4GB HDD, Gen1, 512MB RAM static

Login: vyos vyos

Install: Run command **install system**

Run through the wizard

Remove the cd from the virtual machine and reboot

Login and configure the router.

Type:

Configure

set interfaces ethernet eth1 address dhcp (internet facing eth)

commit

save

exit

reboot

I set the IP 192.168.100.59 as a DHCP reservation for it on my router

Add virtual nics connected to the hyperv switches and set IP addresses

To set ip: set interfaces Ethernet eth2 address 192.168.1.254/24

set service webproxy listen-address 192.168.1.254

commit

save

set service webproxy listen-address 192.168.2.254

commit

save

and so on for all your networks where you want proxy services

DHCP relay:

Set service dhcp-relay interface eth1

Set service dhcp-relay interface eth2

And so on for all interfaces where the dhcp server is and that need dhcp

Set service dhcp-relay server 192.168.1.1

Set service dhcp-relay server 192.168.1.2

Set all dhcp and wds servers

set service dhcp-relay relay-options relay-agents-packets discard

for configuring RIP:

set protocols rip interface eth2 (and other interfaces to advertise)

set protocols rip neighbor x.x.x.x

for static routes:

set protocols static route 192.168.10.0/24 next-hop 10.1.1.2 (the next hop is the address of the other router’s connected interface)

configure dns forwarding.

Type:

Configure

Set service dns forwarding name-server 192.168.1.100

Set service dns forwarding listen-on eth2

Commit

Save

Exit