**Lab Assignment 06:**

**pfSense Dev Setup IPv6**

Micah Flack

Department of Computer Science, Dakota State University

CSC 840 DT1, Cyber Operations I

Dr. Michael Ham

October 7, 2022

**A screenshot of the pfSense FRR BGP config. The default file location will be ./var/etc/frr/frr.conf**

Text

Description automatically generated

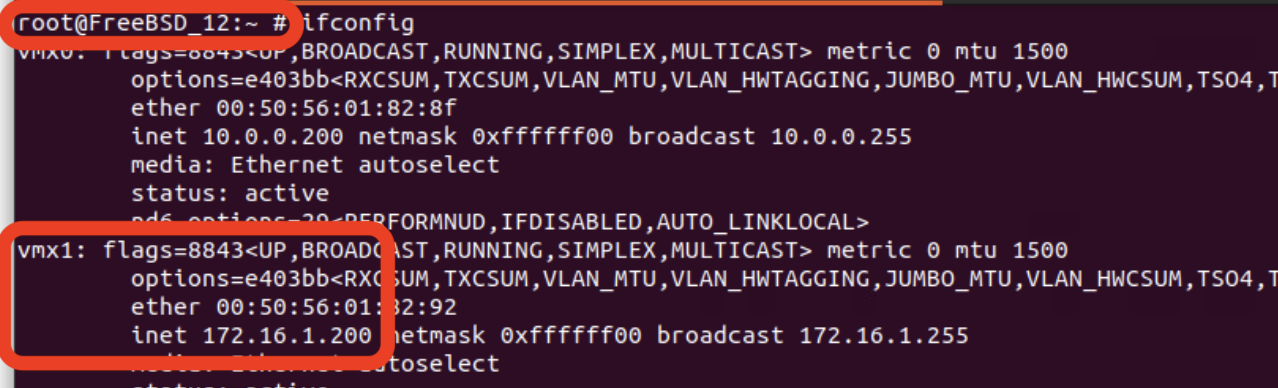
**Screenshot showing SSH into both pfSense\_dev and FreeBSD. Please include these in one screenshot.**

Text, website

Description automatically generated

Used tmux to split the panes… you can see both of the SSH sessions started from the admin machine to FreeBSD and pfSense-Dev (172.16.1.1), and there are no prompts for passwds.

**Screenshot of remote access to FreeBSD file system from admin machine.**



Screenshot showing the ip address belonging to the FreeBSD machine: 172.16.1.200

Text

Description automatically generated

File structure within the shared SMB directory (note the “micahflack” folder)

Graphical user interface, text, application, chat or text message

Description automatically generated

Viewing the SMB network share from the explorer within the Ubuntu admin machine.

**Show output of the bgpd -h command after you have moved the patched binary over to pfSense-dev.**

A screenshot of a computer

Description automatically generated with medium confidence

After moving the work/stage/usr/local/sbin/bgpd via SCP as the user ‘root’ to pfSense-Dev.

**Upload your documented script to the dropbox also.**

Text

Description automatically generated