

ODU CYSE 270 – Linux Systems for Cybersecurity

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Lab 11 – Basic Networking Configurations

This lab was quite interesting. It examines how to learn to connect to different devices, how to verify connections exist, and are working/operating correctly and if they are working correctly.

Some of the challenges were to research new commands and learn the difference between NAT and Bridge networks, two common ways a device connects to a network. NAT (Network Address Translation) allows multiple devices on a private network to share a single public IP address.

Whereas a Bridge Network connects your device directly to the same network as the host, as if it were another physical machine on the network. The skills acquired were learning how to connect to different networks and how systems manage the processes.