

ODU CYSE 270 – Linux Systems for Cybersecurity

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Lab 10 – Networking Basics

This lab was a fundamentals course that didn't require using coding in Linux. Primarily, it demonstrated how to convert binary addresses, 1st and last IP addresses, max host in a network, changing binary formats, and how to change IP addresses into binary format.

There were no challenges in this lab. The skills I learned were how to get all the different addresses from two known addresses. I learned how to convert to different networks and how the system manages the processes. A key takeaway was understanding how to change IP addresses into binary and how to perform the conversion math.