Alex Justman

Professor Torres

August 21st

IT 100

Lab Number 1

Part A:

* Research jobs that require the CompTIA A+ Certification
  + 1. Help Desk Technician –

20-22 dollars per. hour

2yr experience required

It is your job to provide general technical support, solve issues related to Windows 11 OS, and provide assistance with the use of Microsoft 365.

It’s entry level for low pay, but also simple in terms of responsibilities.

* + 1. FBI Special Agent: Cybersecurity/Technology –

99-128,000 per year

TS/SCI license/clearance required + bachelor’s degree

Military encouraged to apply

Use cybersecurity knowledge to plan and conduct technological investigations

* + 1. Microsoft/Azure Engineer –

78-125,000 dollars per year

Must know Microsoft 365 support, Microsoft office, Azure, and Active Directory

Provide temporary support for Microsoft Exchange Online, Teams, and Office Groups, Manage AD/Messaging Infrastructure, Handle user provisioning and license assignments, and monitor enterprise licensing capacity and ensure compliance

Part B: [NetlabLinks to an external site.](https://netlabve2.flc.losrios.edu/" \t "_blank)

A screenshot of a computer

AI-generated content may be incorrect.

* + Log on to all systems

Looking through the Content section, I found that the password was Train1ing$ for all 3 systems.

A screenshot of a computer

AI-generated content may be incorrect.

* + Un-dock one system

A screenshot of a computer

AI-generated content may be incorrect.

(I clicked on the Undock button to undock all 3 systems to look at them side by side.)

* + Ping all other systems from each system to confirm connectivity to all endpoints.

A screenshot of a computer

AI-generated content may be incorrect.

First, I used ipconfig to find each systems IP

A screenshot of a computer

AI-generated content may be incorrect.

Then I used ping to check connectivity between each system, and connectivity was established successfully, as shown by the 0% packet loss.

Part C:

* By the end of this class, I hope to understand more of a field I am debating entering and hopefully decide whether this is a career I want to pursue. The main thing I noted from the initial lecture is that this industry requires a significant amount of work to break into, and certificates are important. I also noted that ChatGPT is my friend, I should work with the people around me, and Discord is an important resource.