

CS 240W – Lab 2- Configuring

Name: _____

Part 1: Network Settings

1. Update your Virtual Machine Network to Bridge network.
 - o Verify that your Server and Host are on the same network.
 - o NOTE: I am not able to use bridged mode. I don't know why it's not working. In fact, no other mode besides NAT works. I can complete question 5 so I'm assuming this is okay for now. In the future, I'll create another VM to use as a client.

2. What is your server's IP address and Host IP address?

Ans: Server IP = 10.0.2.15/24

Host IP = 10.154.217.244/16

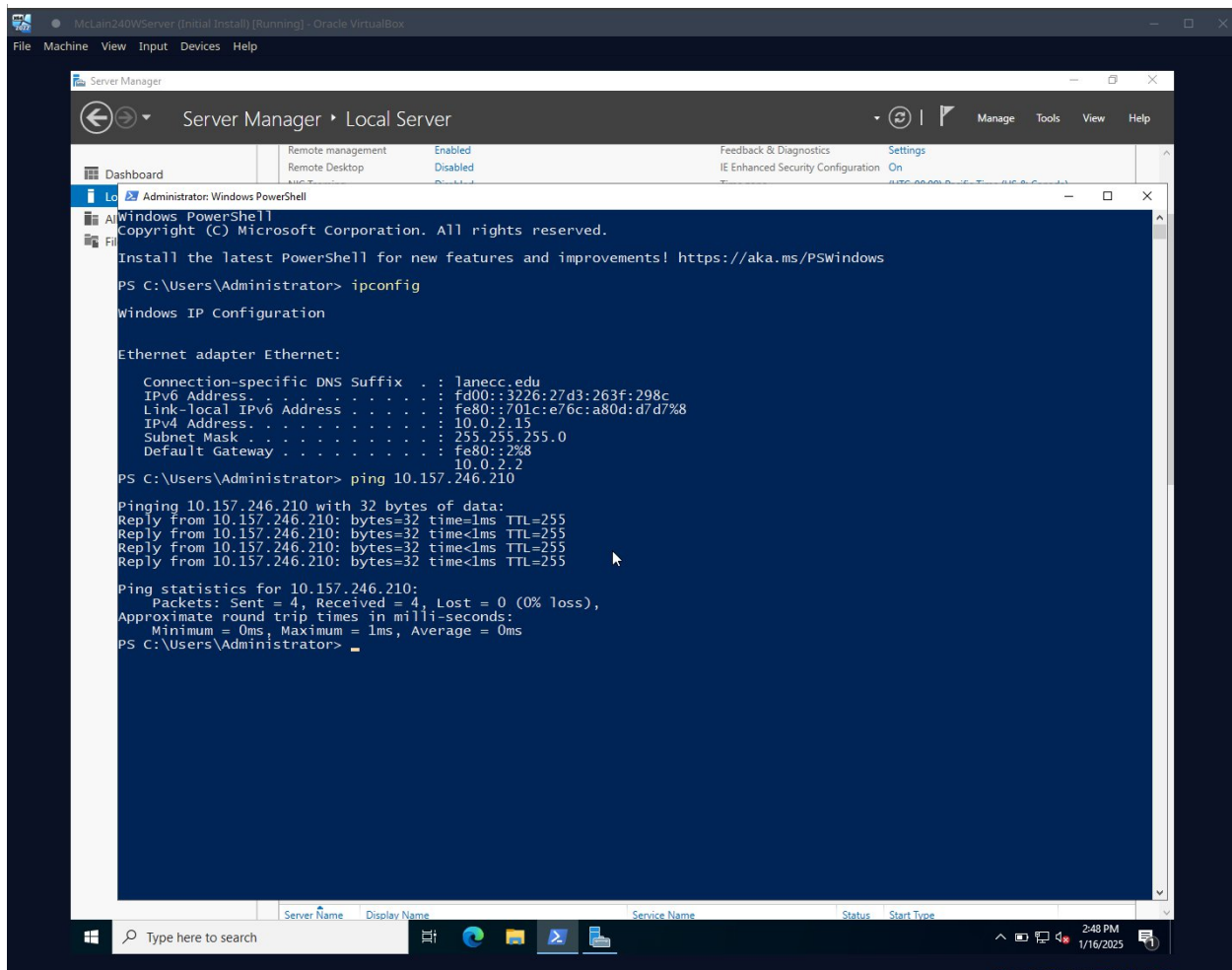
3. Explain how and why you would make your Server have a Static IP address.

Ans: Because you would need a specified location to access the services offered on the server

4. Enable ICMP messages for both Host and Server.

5. Ping from Server to Host. Take a screenshot.

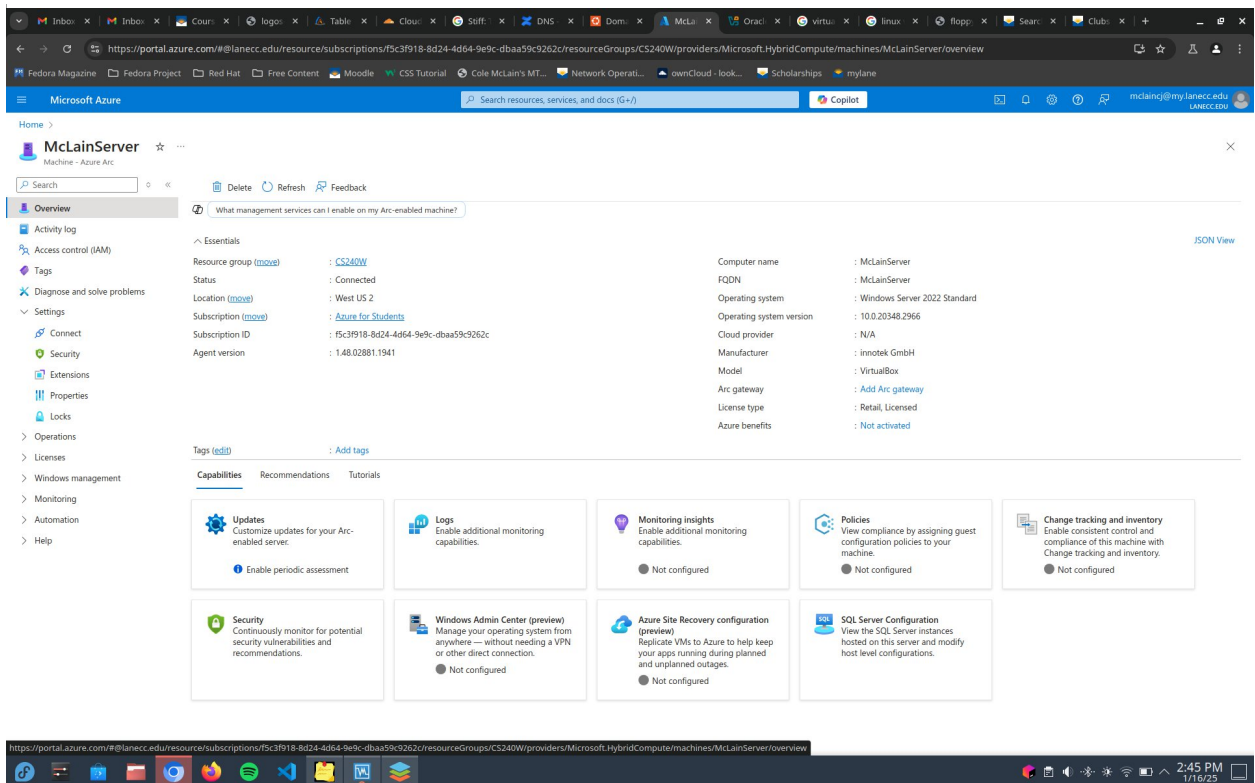
Screenshot:



Part 2: Connect Your Server to Azure Arc

1. Set Up Azure Prerequisites:
 - o Log in to the Azure Portal (<https://portal.azure.com>).
 - o Navigate to Azure Arc and click Add a new machine.
 - o Download the onboarding script provided in the Generate script step.
2. Prepare the Server:
 - o Open Windows PowerShell as Administrator in your VM.
 - o Install the required agent by running:
 - o Open your server in Azure Arc and insert a screenshot of it.

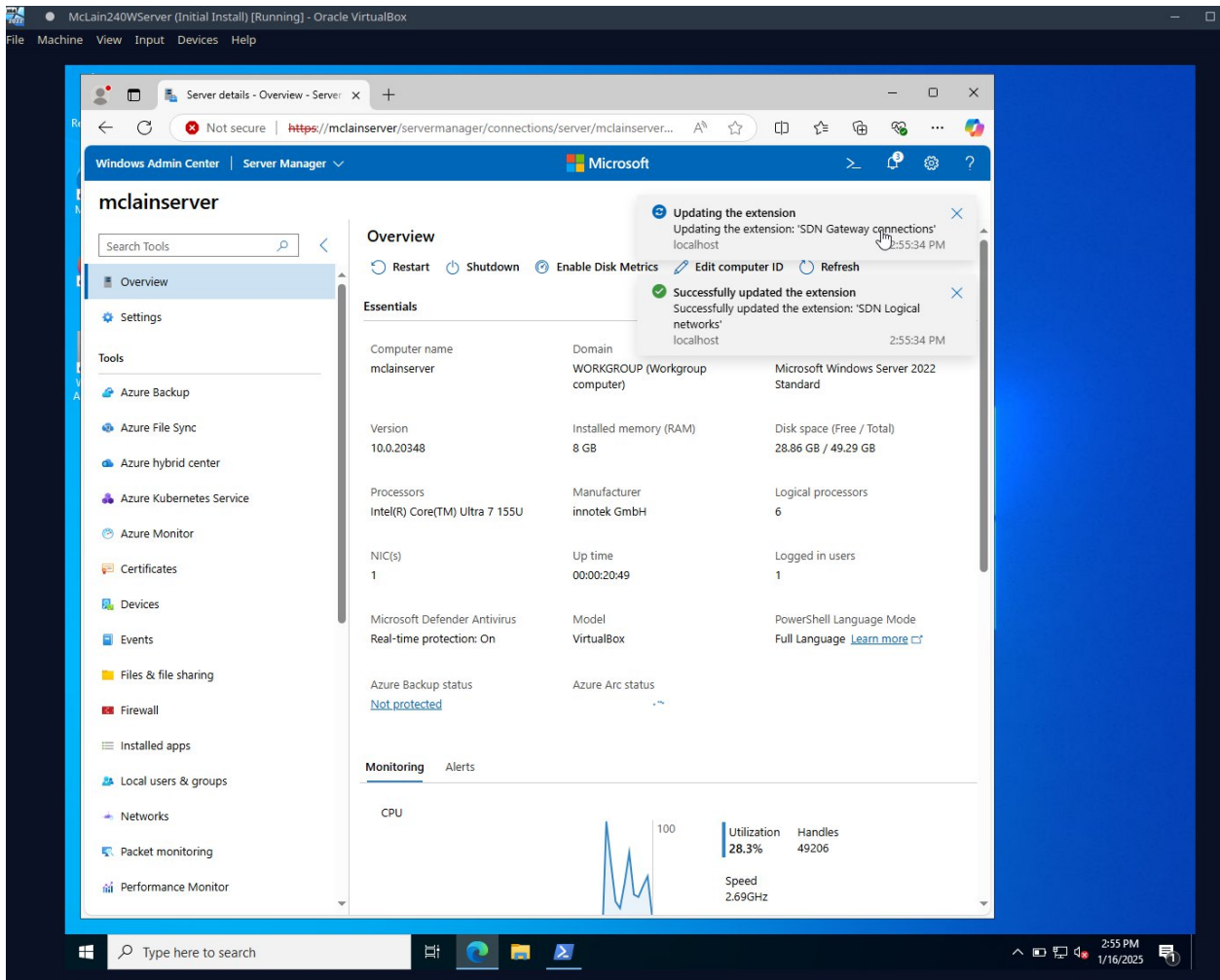
Screenshot:



Part 3: Install Windows Admin Center

1. Connect to the server through Windows Admin Center.
2. Monitor server performance using dashboards insert a screenshot of it.

Screenshot:



Part 4:

1. Research and describe the key features and primary use cases of each management tool.

Ans:

Azure management allows one to monitor multiple Windows or Linux servers in a web-based interface. It is useful for its web management interface, auto-management tools, and Microsoft Defender for Cloud.

Windows Admin Center is also browser-based but can be locally based. It offers administration for single Windows Server deployments and provides 'modernized versions' of tools like Server Manager.

Part 5: Turn into Moodle (2 points)

Save the completed document as a PDF. Name it as Lab2_YourlastnameFirstInitial.pdf. Be sure to have your name on the top line in this document. Upload to Moodle.

