



GLAB 154.1.1 - 1.0.8 Lab - Packet Tracer - Logical and Physical Mode Exploration

Assignment Instructions:

Please download the [1.0.8-packet-tracer-logical-and-physical-mode-exploration - Learner.pks](#) file and open it with the Packet Tracer program.

- Note: This Packet Tracer activity measures your performance and displays it as a completion rate percentage at the bottom right corner of the instructions inside the Packet Tracer activity file.
- Take a screenshot of your compilation rate.
- On your Microsoft Copilot 365 account, create a new Word document and paste the image into it.
- Upload the completed .docx document to Canvas using the Submit button.

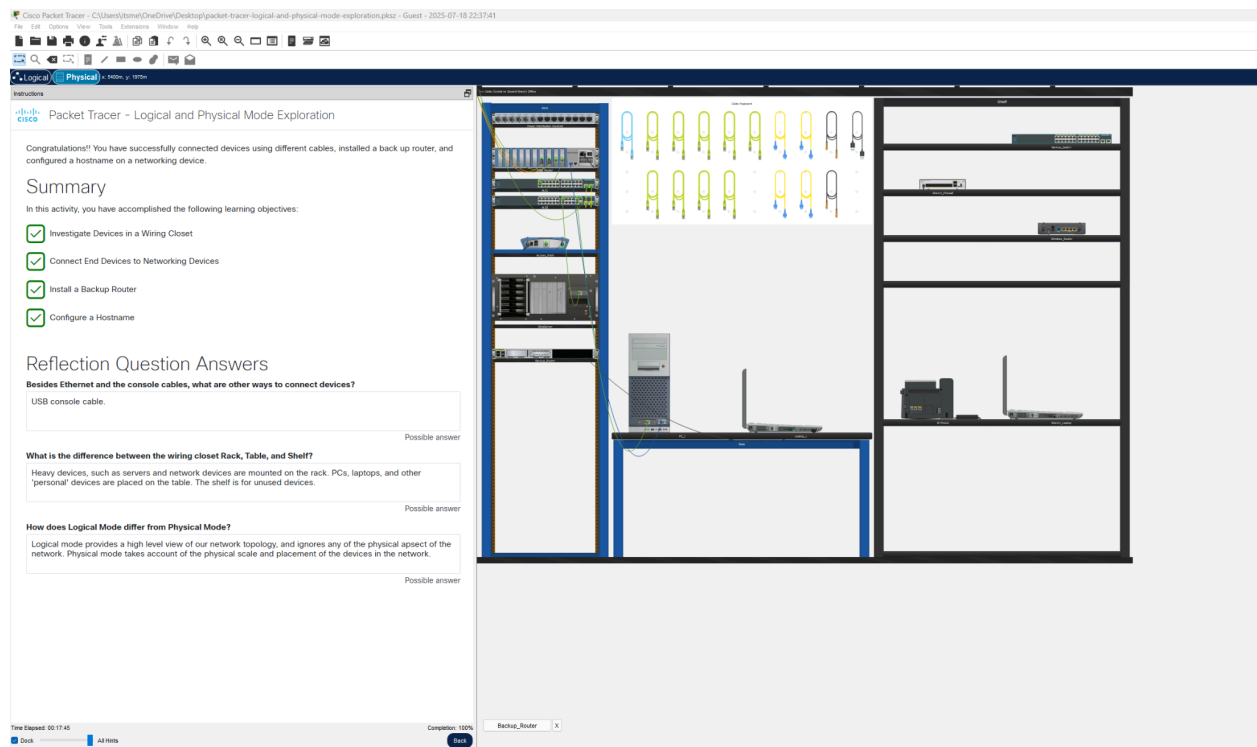
Files:

[1.0.8-packet-tracer-logical-and-physical-mode-exploration - Learner.pks](#)

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Summary

In this activity, I explored both the Logical and Physical views in Cisco Packet Tracer. I learned how to switch between modes, navigate different city and wiring cabinet views, and interact with network devices in each mode. This helped me understand the visual layout of a network at different levels and how devices are connected in real and simulated environments. After completing all steps, I captured my completion rate screenshot and inserted it into the file below



The screenshot displays the Cisco Packet Tracer interface. On the left, a sidebar contains instructions for the lab, including a summary of learning objectives and reflection question answers. The main workspace shows a network diagram in Physical mode, featuring a wiring closet with various network devices (routers, switches, and servers) connected by cables. The interface includes a top menu bar, a toolbar, and a status bar at the bottom indicating the completion rate.

Instructions

Packet Tracer - Logical and Physical Mode Exploration

Congratulations!! You have successfully connected devices using different cables, installed a back up router, and configured a hostname on a networking device.

Summary

In this activity, you have accomplished the following learning objectives:

- ☒ Investigate Devices in a Wiring Closet
- ☒ Connect End Devices to Networking Devices
- ☒ Install a Backup Router
- ☒ Configure a Hostname

Reflection Question Answers

Besides Ethernet and the console cables, what are other ways to connect devices?

USB console cable.

Possible answer

What is the difference between the wiring closet Rack, Table, and Shelf?

Heavy devices, such as servers and network devices are mounted on the rack. PCs, laptops, and other 'personal' devices are placed on the table. The shelf is for unused devices.

Possible answer

How does Logical Mode differ from Physical Mode?

Logical mode provides a high level view of our network topology, and ignores any of the physical aspect of the network. Physical mode takes account of the physical scale and placement of the devices in the network.

Possible answer

Time Elapsed: 00:17:45 Completion: 100%

Backlog_Router x

Back