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Cisco Packet Tracer - C:\Users\Hp-14s\Downloads\1.1.6-packet-tracer-tutored-activities-logical-and-physical-mode-exploration.pksx - Guest - 2024-11-12 09:59:29

File Edit Options View Tools Extensions Window Help

Logical Physical x: 6503m, y: 4876m

Instructions

Packet Tracer - Logical and Physical Mode Exploration

Objectives

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

Background / Scenario

The network model in this Packet Tracer Tutored Activity (PTTA) incorporates many of the technologies that you can master in Cisco Networking Academy courses. It represents a simplified version of how a small to medium-sized business network might look.

Most of the devices in the Seward Branch Office (top left) and Warrenton (bottom right) data center are already deployed and configured. You have just been hired to review the devices and networks deployed. It is not important that you understand everything you see and do in this activity. Feel free to explore the network and become familiar with the menus on your own. Hints will also appear after a certain amount of time. You can select a hint level with the slider bar in the bottom left hand corner.

Note: There are two ways to look at a network in Packet Tracer. **Logical** mode shows you how devices are connected in the network. **Physical** mode shows you where the devices are located in the network. This activity opens in and focuses on **Physical** mode. Many of the Packet Tracer activities you encounter in Cisco Networking Academy courses will use **Logical** mode. You can switch between these modes at any time to compare the differences by clicking the **Logical** (Shift-L) and **Physical** (Shift-P) buttons. However, in other activities in this course you may be locked out of one mode or the other.

When you're ready, click **Next** to get started.

Time Elapsed: 00:00:42 Completion: 0%

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Logical Physical x: 5404m, y: 1979m

Instructions

Packet Tracer - Logical and Physical Mode Exploration

Let's reflect on what you just accomplished.

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

Koneksi Wi-Fi, Bluetooth, NFC, Infrared, RS-232, Fiber Optic Cable, Z-Wave

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

Rack adalah struktur vertikal yang dirancang khusus untuk menampung dan mengatur perangkat jaringan seperti switch, router, server, dan patch panel dalam satu ruang. Table dalam konteks wiring closet mengacu pada meja biasa yang digunakan untuk menempatkan perangkat. Shelf adalah rak horizontal yang dipasang pada dinding atau dalam rack untuk menempatkan perangkat jaringan yang tidak kompatibel dengan mounting rack standar, atau perangkat yang lebih kecil seperti modem atau perangkat lain yang tidak membutuhkan stabilitas rack.

How does logical mode differ from physical mode?

Logical mode berhubungan dengan alur kerja dan koneksi konseptual, sedangkan physical mode berhubungan dengan susunan dan lokasi nyata dari perangkat dan infrastruktur jaringan.

Submit

Time Elapsed: 00:30:50 Completion: 75%

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File Edit Options View Tools Extensions Window Help

Logical Physical x: 7361m, y: 5241m Intercity 03:00:30

Instructions

Packet Tracer - Logical and Physical Mode Exploration

The correct answer is Alaska United West (AU-West).

In Logical Mode (Shift-L), what are the wireless devices in the Teleworker Home? (Hint: They are not connected with a solid black line.)

Home_Laptop and Smartphone

The correct answer is Home_Laptop and Smartphone.

In Physical Mode (Shift-P), what facility can you enter in the Seward, Alaska location?

Branch Office

The correct answer is Branch Office.

Which locations can you enter in the other city?

Data Center and Teleworker

The correct answer is Data Center and Teleworker.

Time Elapsed: 00:03:02 Completion: 15%

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File Edit Options View Tools Extensions Window Help

Logical Physical x: 5404m, y: 1975m Branch Office Wiring Closet 06:31:00

Instructions

Packet Tracer - Logical and Physical Mode Exploration

In this step, you will navigate to the **Branch Office** wiring closet in **Seward**. You will also connect a PC to a switch using an Ethernet cable.

☒ In the Intercity, click **Seward**. While in **Seward**, click the **Branch Office** and then click the **Branch Office Wiring Closet**.

☒ Connect **PC_1** FastEthernet0 to an empty FastEthernet port on **ALS2**.

You have successfully connected **PC_1** to **ALS2** via the FastEthernet port. When the connection is established, the LED lights next to the Ethernet ports will be blinking green.

Time Elapsed: 00:06:33 Completion: 30%

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