PERTEMUAN 12

EKSPLORASI DASAR CISCO IOS MENGGUNAKAN CISCO PACKET TRACER

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Langkah - Langkah Pengerjaan

Praktik ini berdasarkan pertemuan 6 - 9

1. Klik hyperlink yang berada di bawah masing-masing gambar atau buka folder yang menyertai materi ini.
2. Isi sesuai instruksi di Cisco Packet Tracer dan perhatikan waktu pengerjaannya (60 Menit).
3. Jika sudah menyelesaikan tahap-tahap pengerjan sesuai petunjuk activity di Cisco Packet Tracer, silahkan Klik Check Results untuk melihat apakah yang diisi sudah benar atau tidak (nilai pengerjaan). Dan reset activity untuk melihat cheklist pengerjaan.

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Navigating the IOS

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Packet Tracer - Navigating the IOS

Topology

Objectives

Part 1: Establish Basic Connections, Access the CLI, and Explore Help

Part 2: Explore EXEC Modes

Part 3: Set the Clock

Background

In this activity, you will practice skills necessary for navigating the Cisco IOS, such as different user access modes, various configuration modes, and common commands used on a regular basis. You will also practice accessing the context-sensitive Help by configuring the **clock** command.

Link Project Packet Tracer: [Navigating the IOS]

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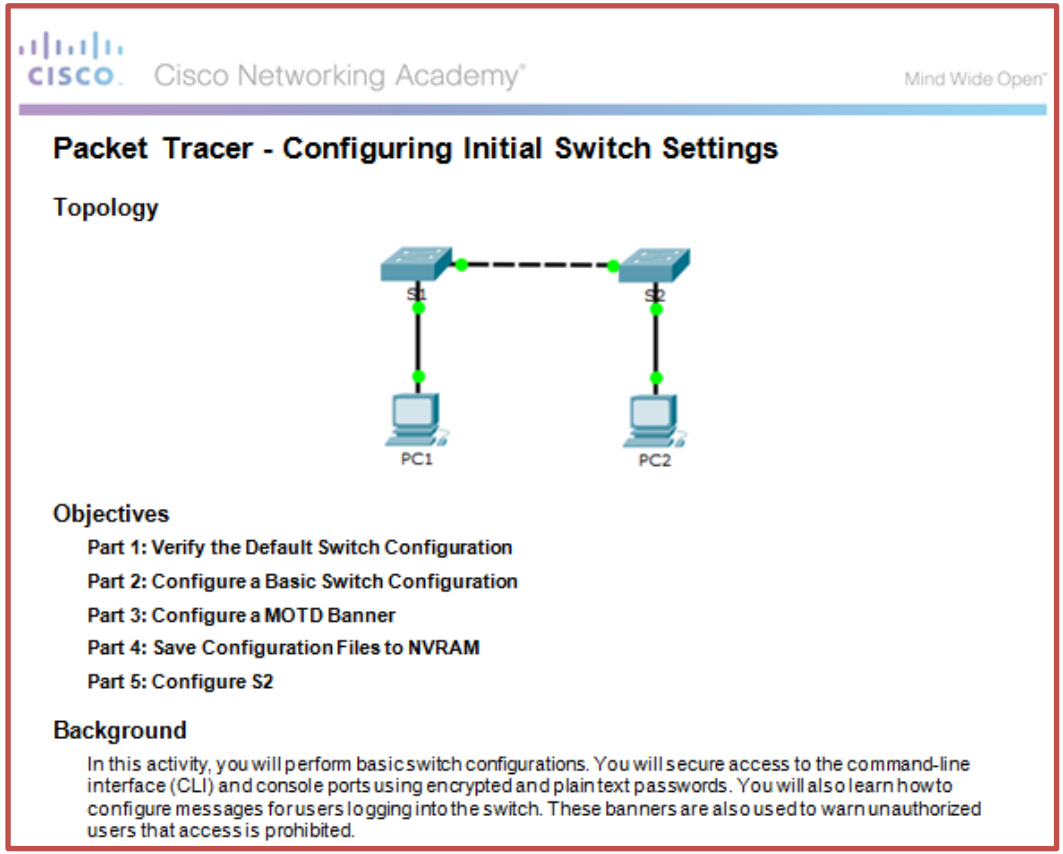
Configuring Initial Switch Setting



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Packet Tracer - Configuring Initial Switch Settings

Topology

Objectives

- Part 1: Verify the Default Switch Configuration
- Part 2: Configure a Basic Switch Configuration
- Part 3: Configure a MOTD Banner
- Part 4: Save Configuration Files to NVRAM
- Part 5: Configure S2

Background

In this activity, you will perform basic switch configurations. You will secure access to the command-line interface (CLI) and console ports using encrypted and plain text passwords. You will also learn how to configure messages for users logging into the switch. These banners are also used to warn unauthorized users that access is prohibited.

Link Project Packet Tracer: [Configuring Initial Switch Setting]

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Configure Initial Router Setting

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Packet Tracer - Configure Initial Router Settings

Topology

Objectives

Part 1: Verify the Default Router Configuration

Part 2: Configure and Verify the Initial Router Configuration

Part 3: Save the Running Configuration File

Background

In this activity, you will perform basic router configurations. You will secure access to the CLI and console port using encrypted and plain text passwords. You will also configure messages for users logging into the router. These banners also warn unauthorized users that access is prohibited. Finally, you will verify and save your running configuration.

Link Project Packet Tracer: [Configure Initial Router Setting]

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Connect a Router to a LAN

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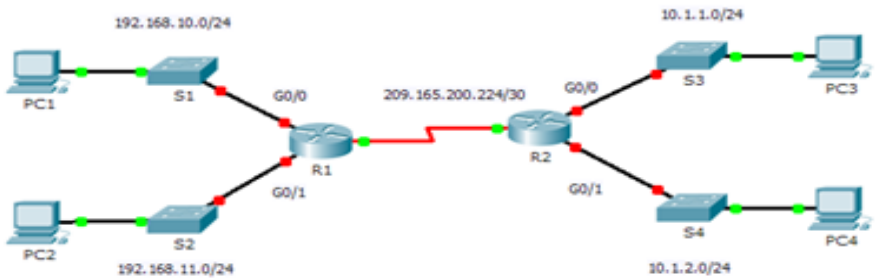
Packet Tracer - Connect a Router to a LAN

Topology



Addressing Table

Device	Interface	IP Address	Subnet Mask	Default Gateway
R1	G0/0	192.168.10.1	255.255.255.0	N/A
	G0/1	192.168.11.1	255.255.255.0	N/A
	S0/0/0 (DCE)	209.165.200.225	255.255.255.252	N/A
R2	G0/0	10.1.1.1	255.255.255.0	N/A
	G0/1	10.1.2.1	255.255.255.0	N/A
	S0/0/0	209.165.200.226	255.255.255.252	N/A
PC1	NIC	192.168.10.10	255.255.255.0	192.168.10.1
PC2	NIC	192.168.11.10	255.255.255.0	192.168.11.1
PC3	NIC	10.1.1.10	255.255.255.0	10.1.1.1
PC4	NIC	10.1.2.10	255.255.255.0	10.1.2.1

Link Project Packet Tracer: Connect a Router to a LAN

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