

Packet Tracer - Basic Switch and End Device Configuration

Addressing Table

Device	Interface	IP Address	Subnet Mask
ASw1	VLAN 1	128.168.1.10	255.255.255.0
ASw2	VLAN 1	128.168.1.15	255.255.255.0
User-01	NIC	128.168.1.25	255.255.255.0
User-02	NIC	128.168.1.30	255.255.255.0

Objectives

- Configure hostnames and IP addresses on two Cisco Internetwork Operating System (IOS) switches using the command-line interface (CLI).
- Use Cisco IOS commands to specify or limit access to the device configurations.
- Use IOS commands to save the running configuration.
- Configure two host devices with IP addresses.
- Verify connectivity between the two PC end devices.

Scenario

As a recently hired LAN technician, your network manager has asked you to demonstrate your ability to configure a small LAN. Your tasks include configuring initial settings on two switches using the Cisco IOS and configuring IP address parameters on host devices to provide end-to-end connectivity. You are to use two switches and two hosts/PCs on a cabled and powered network.

Instructions

Configure the devices to fulfill the requirements below.

Requirements

- Use a console connection to access each switch.
- Name **AS2-1** and **ASw-2** switches.
- Use the **R4Xe3** password for all lines.
- Use the **C4aJa** secret password.
- Encrypt all clear text passwords.
- Configure an appropriate message-of-the-day (MOTD) banner.
- Configure addressing for all devices according to the Addressing Table.
- Save your configurations.
- Verify connectivity between all devices.

Note: Click **Check Results** to see your progress. Click **Reset Activity** to generate a new set of requirements. If you click on this before you complete the activity, all configurations will be lost.

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Cisco Packet Tracer - C:\Users\Admin\Downloads\New folder\MP1\2.9.1 Packet Tracer - Basic Switch and End Device Configuration.pka - Guest - 2023-05-08 10:...

File Edit Options View Tools Extensions Window Help

Activity Results Time Elapsed: 00:42:41

Congratulations Guest! You completed the activity.

Overall Feedback **Assessment Items** Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
ASw-1				
Banner MOTD	Correct	2	Basic Security Co...	
Console Line		0	Other	
Password	Correct	1	Basic Security Co...	
Enable Secret	Correct	2	Basic Security Co...	
Host Name	Correct	1	Hostname Config...	
Ports				
Vlan1				
IP Address	Correct	7	IPv4 Host Addres...	
Port Status	Correct	5	IPv4 Host Addres...	
Subnet Mask	Correct	7	IPv4 Host Addres...	
Service Password Encryption	Correct	1	Basic Security Co...	
Startup Config	Correct	2	Configuration Man...	
ASw-2				
Banner MOTD	Correct	2	Basic Security Co...	
Console Line		0	Other	
Password	Correct	1	Basic Security Co...	
Enable Secret	Correct	2	Basic Security Co...	
Host Name	Correct	1	Hostname Config...	
Ports				
Vlan1				
IP Address	Correct	7	IPv4 Host Addres...	
Port Status	Correct	5	IPv4 Host Addres...	
Subnet Mask	Correct	7	IPv4 Host Addres...	
Service Password Encryption	Correct	1	Basic Security Co...	
Startup Config	Correct	2	Configuration Man...	
User-01				
Ports				
FastEthernet0				
IP Address	Correct	8	IPv4 Host Addres...	
Subnet Mask	Correct	8	IPv4 Host Addres...	
User-02				
Ports				
FastEthernet0				
IP Address	Correct	8	IPv4 Host Addres...	
Subnet Mask	Correct	8	IPv4 Host Addres...	

Score : 98/98

Item Count : 28/32

Component	Items/Total	Score
Basic Security Configuration	8/8	12/12
Configuration Management	2/2	4/4
Hostname Configuration	2/2	2/2
IPv4 Host Address Configuration	10/10	70/70
Connectivity		
Connectivity Tests	6/6	10/10