Cisco Packet Tracer - C:\Users\michael\Downloads\Week 7 Assignment 2.pka - Guest - 2025-09-21 20:30:53

File Edit Options View Tools Extensions Window Help

Activity Results

Time Elapsed: 02:55:12

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				
S1				
Banner MOTD	Correct	6	Basic Security Configuration	
Console Line				
Login	Correct	4	Basic Security Configuration	
Password	Correct	4	Basic Security Configuration	
Enable Password	Correct	4	Basic Security Configuration	
Enable Secret	Correct	4	Basic Security Configuration	
Host Name	Correct	5	Hostname Configuration	
Service Password Encryption	Correct	4	Basic Security Configuration	
Startup Config	Correct	5	Configuration Management	
S2				
Banner MOTD	Correct	6	Basic Security Configuration	
Console Line				
Login	Correct	4	Basic Security Configuration	
Password	Correct	4	Basic Security Configuration	
Enable Password	Correct	4	Basic Security Configuration	
Enable Secret	Correct	4	Basic Security Configuration	
Host Name	Correct	5	Hostname Configuration	
Service Password Encryption	Correct	4	Basic Security Configuration	
Startup Config	Correct	5	Configuration Management	

Score   : 72/72
Item Count   : 16/16

Component	Items/Total	Score
Basic Security Configuration	12/12	52/52
Configuration Management	2/2	10/10
Hostname Configuration	2/2	10/10

Close

Activity Section	Question Location	Answers
Part 1: Verify the Default Switch Configuration	Step 2b, q1	24 Fast Ethernet Interfaces
	Step 2b, q2	2 Gigabit Ethernet Interfaces
	Step 2b, q3	0 4 5 15
	Step 2b, q4	show running-config
	Step 2b, q5	Because there is no content in the RAM
Part 1		
Part 2: Create a Basic Switch Configuration	Step 2	To secure access to the console line
	Step 7b	An encrypted password is displayed
	Step 7c	Because it is encrypted, it is a security feature to protect the enable password from being exposed in plaintext
	Step 8	They will be displayed in encrypted form because the service password-encryption command automatically encrypts all newly configured passwords.
Part 2		
Part 3: Configure a MOTD Banner	Step 1, q1	The MOTD banner will be displayed when someone accesses the switch through the console
	Step 1, q2	To enable security warning
Part 3		
Part 4: Save Configuration Files to NVRAM	Step 2	cop r st
	Step 3, q1	show startup-config
	Step 3, q2	yes

a. Enter the **exit** command again to log out of the switch.

b. Press **<Enter>** and you will now be asked for a password:

```
User Access Verification
Password:
```

c. The first password is the console password you configured for **line con 0**. Enter this password to return to us

d. Enter the command to access privileged mode.

e. Enter the second password you configured to protect privileged EXEC mode.

f. Verify your configurations by examining the contents of the running-configuration file:

S1# **show running-config**

Notice how the console and enable passwords are both in plain text. This could pose a security risk if someo

Step 6: Configure an encrypted password to secure access to privileged mode.

The **enable password** should be replaced with the newer encrypted secret password using the **enable secret** c

S1# **config t**

S1(config)# **enable secret itsasecret**

S1(config)# **exit**

S1#

Note: The **enable secret** password overrides the **enable** password. If both are configured on the switch, you mu

Step 7: Verify that the enable secret password is added to the configuration file.

a. Enter the **show running-config** command again to verify the new **enable secret** password is configured.

Note: You can abbreviate **show running-config** as

S1# **show run**

b. What is displayed for the **enable secret** password?

c. Why is the **enable secret** password displayed differently from what we configured?

Step 8: Encrypt the enable and console passwords.

As you noticed in Step 7, the **enable secret** password was encrypted, but the **enable** and **console** passwords w   on command.

S1# **config t**

S1(config)# **service password-encryption**

S1(config)# **exit**

If you configure any more passwords on the switch, will they be displayed in the configuration file as plain text or

Part 3: Configure a MOTD Banner

Step 1: Configure a message of the day (MOTD) banner.

The Cisco IOS command set includes a feature that allows you to configure messages that anyone logging onto the switch sees. These messages are called message of the day, or MOTD banners. Enclose the banner text in

Time Elapsed: 02:31:58

Completion: 59/72

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S2 window:

Physical Config CLI Attributes

IOS Command Line Interface

```
 login
line vty 5 15
 login
!
!
!
!
end

S2#config t
Enter configuration commands, one per line.  End with CNTL/Z.
S2(config)#enable secret itsasecret
S2(config)#exit
S2#
%SYS-5-CONFIG_I: Configured from console by console

S2#show run
Building configuration...

Current configuration : 1178 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S2
!
!
enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
enable password cl$c0
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
 --More--
```

Copy   Paste

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