

Exam Report: 15.3.5 Practice Questions

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Time Spent: 1:03

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Overall Performance

Your Score: 50%



Passing Score: 80%

View results by: ☐ Objective Analysis ☒ Individual Responses

Individual Responses

▼ Question 1: Correct

You just deployed a new Cisco router that connects several network segments in your organization.

The router is physically located in a server room that requires an ID card for access. You backed up the router configuration to a remote location in an encrypted file. You access the router configuration interface from your notebook computer using a Telnet client with the username **admin** and the password **admin**. You used the MD5 hashing algorithm to protect the password.

What should you do to increase the security of this device? (Select two.)

☐ Use encrypted type 7 passwords.

➡ ☒ Use an SSH client to access the router configuration.

☐ Use a web browser to access the router configuration using an HTTP connection.

☐ Use TFTP to back up the router configuration to a remote location.

➡ ☒ Change the default administrative user name and password.

Explanation

In this scenario, two key security issues need to be addressed:

- You should use an SSH client to access the router configuration. Telnet transfers data over the network connection in clear text, exposing sensitive data to sniffing.
- You should change the default administrative username and password. Default usernames and passwords are readily available from websites on the internet.

Encrypted type 7 passwords on a Cisco device are less secure than those protected with MD5. Using HTTP and TFTP to manage the router configuration could expose sensitive information to sniffers, as they transmit data in clear text.

References

LabSim for Network Pro, Section 15.3.
[netpro18v5_all_questions_en.exm RT-7.4-1]

▼ Question 2: Incorrect

You are in the middle of a big project at work. All of your work files are on a server at the office. You want to be able to access the server desktop, open and edit files, save the files on the server, and print files to a printer connected to a computer at home.

Which protocol should you use?

☐ TFTP

☐ FTP

☒ SSH

☐ Telnet ☐ RDP

Explanation

To access the desktop of a remote computer or server, use a remote desktop protocol. RDP is Microsoft's remote desktop protocol, but other protocols include VNC and ICA. With the remote desktop solution, you can access the device's desktop and work with applications and files on that device. Device redirection allows you to redirect sound, drives, or printing at the remote computer to your local computer.

Telnet and SSH are command-line utilities used for remote management. FTP and TFTP are used for file transfer. While you might use either protocol to transfer files, they do not give you access to the remote computer's desktop.

References

LabSim for Network Pro, Section 15.3.

[netpro18v5_all_questions_en.exm NP09_6-3 #MCS5]

▼ Question 3: Correct

Which of the following protocols or services would you associate with Window's Remote Desktop Services network traffic?

 ☒ RDP☐ NNTP☐ WPA☐ WTSP

Explanation

The Remote Desktop Protocol (RDP) is used by Window's Remote Desktop Services applications, including Remote Desktop Connection.

WTSP is not a recognized protocol used on networks. The network news transport protocol (NNTP) is used to access newsgroups and download messages. It is not associated with Windows Terminal Services. Wi-Fi Protected Access (WPA) is a security mechanism designed to provide protection on wireless networks. It is not associated with Windows Terminal Services.

References

LabSim for Network Pro, Section 15.3.

[netpro18v5_all_questions_en.exm NP05_2-16 #84]

▼ Question 4: Incorrect

You manage a server at work that has just been configured with a new application. Consequently, the server has crashed several times during the last week. You think you have resolved the problem, but you would like to be able to manage the server remotely just in case more issues occur.

Which of the following protocols would you use for remote management? (Select two.)

☐ PPP ☐ ICA☒ ~~L2TP~~ ☒ VNC☐ PPTP☐ PPPoE

Explanation

Use a remote desktop protocol to remotely manage devices. The remote desktop protocol allows you to

interact with the computer's desktop without being present at the console. There are multiple protocols that you can use for remote desktop connections.

- Virtual Network Computing (VNC) was originally developed for UNIX. Applications using VNC include RealVNC, TightVNC, UltraVNC, and Vine Server.
- Independent Computing Architecture (ICA) is the protocol used by Citrix products (WinFrame and MetaFrame/XenApp).
- The Remote Desktop Protocol (RDP) is the protocol developed by Microsoft and used in Microsoft's Terminal Services, Remote Desktop, and Remote Assistance solutions. Aqua Connect has licensed RDP and created a version for Mac OS X as a server.

PPP and PPPoE are protocols that are used to control remote access. Both allow the authentication, authorization, and accounting of remote access connections. PPTP and L2TP are VPN protocols that provide a secure connection to a destination host or network through the internet .

References

LabSim for Network Pro, Section 15.3.

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