Exam Report: 15.8.4 Practice Questions

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Overall Performance

Your Score: 50%

Passing Score: 80%

View results by: ◯ Objective Analysis ⦿ Individual Responses

Individual Responses

▼ **Question 1:**   _Incorrect_

You have been using SNMP on your network for monitoring and management. You are concerned about the security of this configuration.

What should you do?

➡ ◯ Implement version 3 of SNMP.

◯ Use SSH instead of SNMP.

◯ Implement a RADIUS solution.

⦿ ~~Combine SNMP with SSL.~~

Explanation

Simple Network Management Protocol (SNMP) is a protocol designed for managing complex networks. SNMP lets network hosts exchange configuration and status information. The original version of SNMP has several vulnerabilities. For added security, implement version 3 of SNMP.

SSH allows secure interactive control of remote systems, but does not provide the same features as SNMP. RADIUS is used to control remote access authentication, authorization, and accounting from a centralized server.

References

LabSim for Network Pro, Section 15.8.
[netpro18v5_all_questions_en.exm NP09_6-5 #MCS2]

▼ **Question 2:**   _Incorrect_

Which of the following are improvements to SNMP that are included within SNMP version 3? (Select two.)

☐ Hashing of the community name

➡ ☐ Authentication for agents and managers

➡ ☑ Encryption of SNMP messages

☐ Use of SFTP for transferring SNMP data

Explanation

SNMP v3 adds the following improvements for security:
• Authentication for agents and managers
• Encryption of SNMP information
• Message integrity to ensure that data is not altered in transit

References

LabSim for Network Pro, Section 15.8
[netpro18v5_all_questions_en.exm NP09_6-5 #MCM1]

▼ **Question 3:**   Correct

Which protocol uses traps to send notifications from network devices?

- ◯ IMAP4

- ◯ IGMP

- ◯ ICMP

➡ ◉ SNMP

- ◯ SMTP

Explanation

The Simple Network Management Protocol (SNMP) lets network hosts exchange configuration and status information. This information can be gathered by management software and used to monitor and manage the network. A trap is an event configured on an agent. When the event occurs, the agent logs details regarding the event. SMTP and IMAP4 are used for sending email. ICMP is an echo/response protocol that is used for exchanging simple requests between devices, but ICMP does not use traps. IGMP is used to send packets to hosts that are a member of a group.

References

LabSim for Network Pro, Section 15.8.
[netpro18v5_all_questions_en.exm NP09_1-1 #2]

▼ **Question 4:**   Correct

Because of an unexplained slowdown on your network, you decide to install monitoring software on several key network hosts to locate the problem. You will then collect and analyze the data from a central network host.

Which protocol will the software use to detect the problem?

- ◯ SMTP

- ◯ IPX

- ◯ The primary protocol of your network

- ◯ TCP/IP

➡ ◉ SNMP

Explanation

SNMP (Simple Network Management Protocol) is used to track network statistics. SNMP operates over UDP and IP. However, by themselves, those protocols do not provide network monitoring support.

References

LabSim for Network Pro, Section 15.8.
[netpro18v5_all_questions_en.exm NP09_1-1 1]