Exam Report: 5.4.5 Practice Questions

Date: 10/5/2019 6:38:20 pm   Candidate: Garsteck, Matthew
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Overall Performance

Your Score: 33%

Passing Score: 80%

View results by: ◯ Objective Analysis   ● Individual Responses

Individual Responses

▼ **Question 1:**   Incorrect

You have a Windows Server 2016 system that you want to use as a DHCP relay agent.

Which Windows Server 2016 service would you use to do this?

  ◯ Network Policy Server

  ◯ Internet Information Services (IIS) Manager

➡ ◯ Routing and Remote Access

  ● ~~DNS~~

Explanation

In Windows Server 2016, the DHCP Relay Agent role is enabled and configured using the Routing and Remote Access service. Before a Windows server can be used as a DHCP Relay Agent, the Routing and Remote Access service (RRAS) must be installed.

References

LabSim for Network Pro, Section 5.4.
[netpro18v5_all_questions_en.exm *NP15_DHCP_RELAY_FACTS_02]

▼ **Question 2:**   Correct

You need to configure a Cisco RFC 1542-compliant router to forward any received DHCP frames to the appropriate subnet. The address of the remote DHCP server is 172.16.30.1

Which of the following commands would you use to configure the router?

➡ ● ip helper-address 172.16.30.1

  ◯ ifconfig 172.16.30.1

  ◯ ip address dhcp 172.16.30.1

  ◯ host 172.16.30.1

Explanation

To configure a Cisco router to listen for DHCP traffic and route any received DHCP frames to the appropriate subnet, use the following command:

  ip helper-address *[server_address]*

The **ifconfig** command is used on a Linux computer to display TCP/IP configuration information. The **host** command is used to query the A records of a specified host. The **ip**

address dhcp command is used to configure a Cisco switch to obtain its IP address from a DHCP server.

References

LabSim for Network Pro, Section 5.4.
[netpro18v5_all_questions_en.exm *NP15_DHCP_RELAY_FACTS_03]

▼ **Question 3:**   Incorrect

You are configuring the DHCP Relay Agent role on a Windows server.

Which of the following is a required step for the configuration?

- ◉ ~~Use the ip helper-address command to specify the remote DHCP server.~~

- ○ Connect an RFC 1542 compliant router to the Windows server.

➡ ○ Specify which server network interface the agent listens on for DHCP messages.

- ○ Configure the Windows server to be on the same subnet as the DHCP server.

Explanation

When configuring the DHCP Relay Agent role, you need to specify which server network interface the agent will listen on for DHCP messages.

The **ip helper-address** command is used to configure DHCP relay on Cisco routers, not Windows servers. An RFC 1542-compliant router is not necessary for DHCP relay when using the Windows Server DHCP Relay Agent. Configuring the Windows server to be on the same subnet as the DHCP server would prevent the server from being able to relay DHCP messages from a different subnet.

References

LabSim for Network Pro, Section 5.4.
[netpro18v5_all_questions_en.exm *NP15_DHCP_RELAY_FACTS_01]