Exam Report: 13.2.6 Practice Questions

Date: 12/5/2019 9:35:35 pm
Time Spent: 3:07

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Overall Performance

Your Score: 30%

Passing Score: 80%

View results by: Objective Analysis Individual Responses

Individual Responses

Question 1: Incorrect

You are the administrator of a large network. You have one location serving several thousand users. You have 100 Windows servers. Your users are using Windows desktops.

You are installing another server into the network. The server's role is as a web server that will be hosting the company intranet site.

The server will require an IP address on the 10.1.1.0 /24 subnet. At present, this subnet contains only servers, and one of the servers is providing addresses through DHCP. You need to assign this server an IP address.

How should you assign the IP address to the web server? (Choose two. Each answer is a complete solution.)

- [ ] Manually configure the IP address on the web server. Create an exclusion on the DHCP server.
- [x] Configure the web server to use DHCP. Create a reservation on the DHCP server.
- [ ] Configure the web server to use DHCP.
- [ ] Configure the web server to use DHCP. Create an exclusion on the DHCP server.
- [x] ~~Manually configure the IP address on the web server. Create a reservation on the DHCP server.~~

Explanation

Because this computer will be used as a web server hosting the intranet site, it should have an IP address that does not change. This configuration is accomplished in one of two ways:

- Create an exclusion on the DHCP server and then manually configure the IP address on the web server. The exclusion prevents the DHCP server from trying to assign the IP address to another computer.
- Create a reservation on the DHCP server and then configure the web server to use DHCP. The reservation ensures that the web server will receive the same IP address each time it requests an address from the DHCP server.

References

LabSim for Server Pro 2016, Section 13.2.
[AllQuestions_ServerPro_2017.exm DHCP EXCLUSION 01]

Question 2: Incorrect

You are the network administrator for a single domain network with 15 servers running Windows Server, 200 Windows clients, and 10 Linux workstations. Windows servers on the network provide DNS and DHCP services.

The Linux workstations run a custom application that validates the workstation identity based on its IP address. For the program to run successfully, each workstation must have the same IP address each time it runs the program.

Which of the following can you do to meet this requirement?

- ( ) Create a reservation for each Linux workstation. Configure the workstations to receive IP

addresses from DHCP.

- ~~Create an exclusion range for the IP addresses used by the Linux workstations. Configure the workstations to receive IP addresses from DHCP.~~
- Create an exclusion range for the IP addresses used by the Linux workstations. Configure the workstations with static IP addresses.
- Create an exclusion range for the IP addresses used by the Linux workstations. Configure the workstations to receive IP addresses from DHCP.

Explanation

Use reservations to make sure that a specific client receives the same IP address. When the Linux client boots, it contacts the DHCP server. The DHCP server assigns the client the same address each time. Using reservations is easier to maintain than manually configuring each host with a static IP address.

References

LabSim for Server Pro 2016, Section 13.2.
[AllQuestions_ServerPro_2017.exm DHCP EXCLUSION 02]

Question 3: Incorrect

You are the manager for the westsim.com domain. The network has a single subnet with five servers all running Windows Server. The 100 client computers are all Windows desktops. One of the servers is configured as a DHCP server configured with a single scope for the 10.0.0.0/24 subnet.

Your network has three printers with built-in print servers. These printers are configured as DHCP clients. You want to make sure that each printer gets the same IP address each time it starts up.

You configure an exclusion range of 10.0.0.12 to 10.0.0.14 for the printers. You also configure a reservation for each printer.

You are informed that no one is able to connect to the printers. You use management software and find that none of the printers have been assigned appropriate IP addresses.

What should you do?

- On the DHCP server, delete the reservations.
- On the DHCP server, delete the exclusion range.
- Remove the rogue server from the network.
- Configure each printer with a static IP address.
- ~~Enable BootP forwarding on the router.~~

Explanation

You need to delete the exclusion range for the printers. When you configure reservations, the DHCP server will assign the specified IP address to the host based on the MAC address. However, creating an exclusion range for those same addresses will prevent the DHCP server from assigning those addresses.

You could configure each printer with a static IP address, but this would take more time and is not a requirement. A static configuration is not as flexible as using reservations.

References

LabSim for Server Pro 2016, Section 13.2.
[AllQuestions_ServerPro_2017.exm DHCP EXCLUSION 03]

Question 4: Incorrect

Drag the DHCP mechanism on the left to the appropriate description on the right. (Each mechanism can be used once, more than once, or not at all.)

Associates a client's MAC address with an IP address the client should always receive.

Reservation

Specifies computers that can be DHCP server clients.

~~Scope~~ Filter

Ensures a client always receives the same IP address from the DHCP server.

✓ Reservation

Prevents the DHCP server from assigning certain IP addresses.

✓ Exclusion

Specifies computers that cannot be DHCP server clients.

~~Exclusion~~ Filter

Identifies IP addresses within the range that cannot be assigned.

~~Filter~~ Exclusion

Explanation

DHCP exclusions, reservations, and filters help control DHCP IP address assignments as follows:

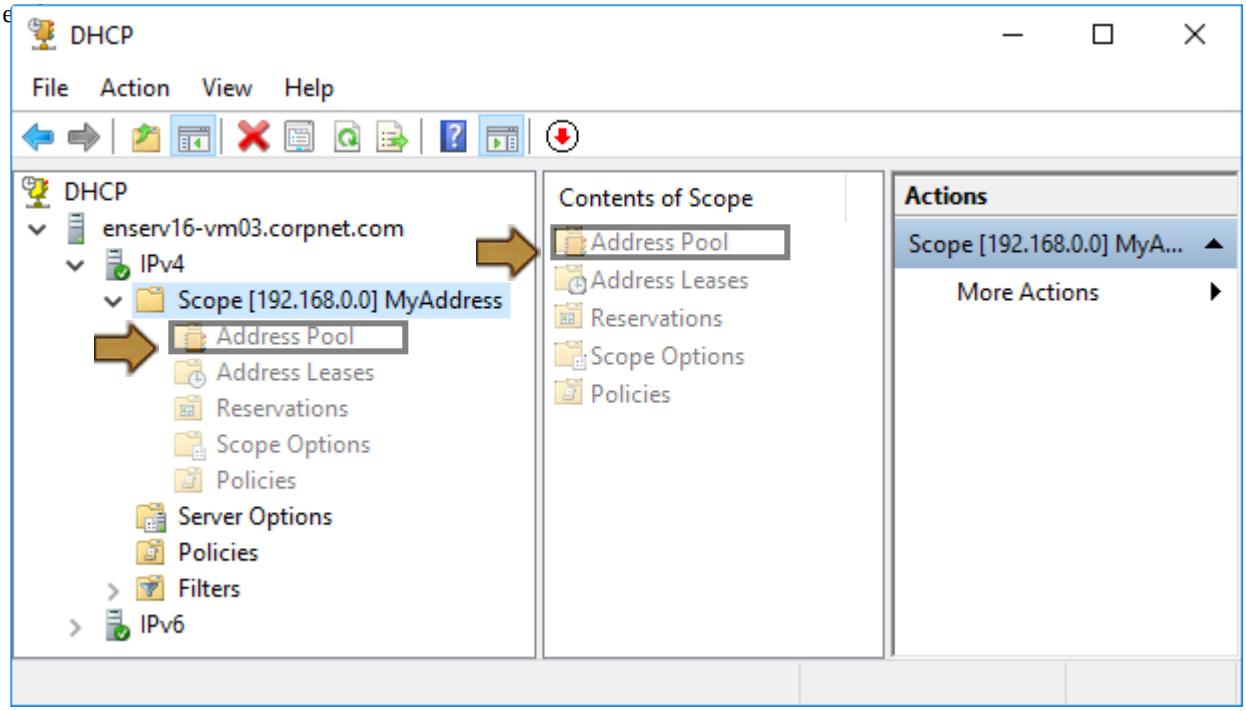
- Exclusions: use exclusions to prevent the DHCP server from assigning certain IP addresses within the range specified in the scope. You can identify IP addresses within the range that are excluded from assignment, such as an address statically assigned to a server or router.
- Reservations: use reservations to make sure a specific client always receives the same IP address from the DHCP server. For example, you could configure a reservation to ensure a network printer is always assigned the same IP address. A reservation associates the client's MAC address with the IP address the client should receive.
- Filters: use filters to control which computers can be DHCP server clients. You can specify computers that can be DHCP server clients and that cannot be DHCP server clients.

References

LabSim for Server Pro 2016, Section 13.2.
[AllQuestions_ServerPro_2017.exm DHCP EXCLUSION 04]

Question 5: Correct

Click on the scope management component you would edit to create a DHCP e



Explanation

To create a DHCP exclusion, you would edit the address pool. Right-click Address Pool and then select New Exclusion Range.

References

LabSim for Server Pro 2016, Section 13.2.
[AllQuestions_ServerPro_2017.exm DHCP EXCLUSION 05]