

## Exam Report: 6.2.5 Practice Questions

Date: 10/15/2019 6:26:14 pm  
Time Spent: 1:39

Candidate: Garsteck, Matthew  
Login: mGarsteck

## Overall Performance

Your Score: 0%



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## Individual Responses

### ▼ Question 1: Incorrect

Which command would you use on a switch to enable management from a remote network?

- ☐ **ip address 192.168.10.185 255.255.255.0**
- ☐ **no shutdown**
- ☒ **ip address dhcp**

➡ ☐ **ip default-gateway 192.168.10.185**

### Explanation

To enable management from a remote network, configure the default gateway. Use the following command in global configuration mode:

**switch(config)#ip default-gateway IP\_address**

### References

LabSim for Network Pro, Section 6.2.

[netpro18v5\_all\_questions\_en.exm \*NP15\_SWITCH\_IP\_CONFIGURATION\_01]

### ▼ Question 2: Incorrect

What does the **ip address dhcp** command allow you to do?

- ☐ Configure the switch to act as a DHCP server.
- ➡ ☐ Configure the switch to obtain an IP address from a DHCP server.
- ☐ Specify the DHCP relay server for forwarding DHCP packets.
- ☐ Send the DHCP server address to all connected devices.

### Explanation

You can use the **ip address dhcp** command to configure a switch or router to get its IP address from a DHCP server. The DHCP server can be configured to deliver the default gateway and DNS server addresses to the Cisco device as well. A manually configured default gateway address overrides any address received from the DHCP server.

### References

LabSim for Network Pro, Section 6.2.

[netpro18v5\_all\_questions\_en.exm \*NP15\_SWITCH\_IP\_CONFIGURATION\_02]

### ▼ Question 3: Incorrect

You are configuring a switch so that you can manage it using PuTTY from the same network segment as the switch. On the switch, you enter the following commands:

```
switch#config terminal
switch(config)#interface vlan 1
switch(config-if)#ip address 192.168.1.10 255.255.255.0
```

Will this configuration work?

- ☐ No, the **ip default-gateway** command needs to be set.
- ➡ ☐ No, the **no shutdown** command needs to be entered.
- ☐ No, the switch needs to obtain an IP address from the DHCP server using the **ip address dhcp** command.
- ☒ ~~Yes, the switch can now be accessed by PuTTY using the IP address 192.168.1.10.~~

## Explanation

By default, the Vlan1 interface is set to administratively down, preventing remote access. Use the following commands to configure the switch IP address and allow management:

```
switch#config terminal
switch(config)#interface vlan 1
switch(config-if)#ip address 192.168.1.10 255.255.255.0
switch(config-if)#no shutdown
```

Because the switch is being accessed from the same network segment, the **ip default-gateway** command doesn't need to be used. The **ip address dhcp** command only allows the switch to obtain an IP address using DHCP.

## References

LabSim for Network Pro, Section 6.2.

[netpro18v5\_all\_questions\_en.exm \*NP15\_SWITCH\_IP\_CONFIGURATION\_03]