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練習問題

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1年間無料アップデート

Exam : **300-410**

Title : Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

Version : DEMO

1.When provisioning a device in Cisco DNA Center, the engineer sees the error message “Cannot select the device. Not compatible with template”.
What is the reason for the error?
A. The template has an incorrect configuration.
B. The software version of the template is different from the software version of the device.
C. The changes to the template were not committed.
D. The tag that was used to filter the templates does not match the device tag.
Answer: D
Explanation:
If you use tags to filter the templates, you must apply the same tags to the device to which you want to apply the templates. Otherwise, you get the following error during provisioning: Cannot select the device. Not compatible with template.

2.Refer to the exhibit.

```
R1(config) # do show running-config | section line|username
username cisco secret 5 $1$yb/o$L3G5cXODxpYMSJ70PzEyo0
line con 0
 logging synchronous
line vty 0 4
 login local
 transport input telnet
R1(config) # logging console 7
R1(config) # do debug aaa authentication
R1(config) #
```

An administrator that is connected to the console does not see debug messages when remote users log in.
Which action ensures that debug messages are displayed for remote logins?
A. Enter the transport input ssh configuration command.
B. Enter the terminal monitor exec command.
C. Enter the logging console debugging configuration command.
D. Enter the aaa new-model configuration command.
Answer: D
Explanation:
The logging console is a default and hidden command.

3.Which command displays the IP routing table information that is associated with VRF-Lite?
A. show ip vrf
B. show ip route vrf
C. show run vrf
D. show ip protocols vrf
Answer: B

4.Refer to the exhibit.

```
Router#show running-config | include ip route
ip route 192.168.2.2 255.255.255.255 209.165.200.225 130
Router#show ip route

<output omitted>

Gateway of last resort is not set

      192.168.1.0/32 is subnetted, 1 subnets
C        192.168.1.1 is directly connected, Loopback0
      192.168.2.0/32 is subnetted, 1 subnets
O        192.168.2.2[110/11] via 192.168.12.2, 00:52:09, Ethernet0/0
      192.168.12.0/24 is variably subnetted, 2 subnets, 2 masks
C        192.168.12.0/24 is directly connected, Ethernet0/0
L        192.168.12.1/32 is directly connected, Ethernet0/0
      209.165.200.0/24 is variably subnetted, 2 subnets, 2 masks
C        209.165.200.0/24 is directly connected, Ethernet0/1
         209.165.200.226/32 is directly connected, Ethernet0/1
```

An engineer configures a static route on a router, but when the engineer checks the route to the destination, a different next hop is chosen.

What is the reason for this?

A. Dynamic routing protocols always have priority over static routes.

B. The metric of the OSPF route is lower than the metric of the static route.

C. The configured AD for the static route is higher than the AD of OSPF.

D. The syntax of the static route is not valid, so the route is not considered.

Answer: C

Explanation:

The AD of static route is manually configured to 130 which is higher than the AD of OSPF router which is 110.

5.DRAG DROP

Drag and drop the DHCP messages from the left onto the correct uses on the right.

DHCPACK	server-to-client communication, refusing the request for configuration parameters
DHCPINFORM	client-to-server communication, indicating that the network address is already in use
DHCPNAK	server-to-client communication with configuration parameters, including committed network address
DHCPDECLINE	client-to-server communication, asking for only local configuration parameters that the client has already externally configured as an address

Answer:

DHCPACK	DHCPACK
DHCPINFORM	DHCPDECLINE
DHCPNAK	DHCPNAK
DHCPDECLINE	DHCPINFORM

Explanation:

DHCPACK

The server-to-client communication with configuration parameters, including committed network address.

DHCPINFORM

The client-to-server communication, asking for only local configuration parameters that the client already has externally configured as an address.

DHCPNAK

The server-to-client communication, refusing the request for configuration parameter.

DHCPDECLINE

The client-to-server communication, indicating that the network address is already in use

Reference: https://www.cisco.com/c/en/us/support/docs/ip/dynamic-address-allocation-resolution/27470-100.html

DHCPINFORM: If a client has obtained a network address through some other means or has a manually configured IP address, a client workstation may use a DHCPINFORM request message to obtain other local configuration parameters, such as the domain name and Domain Name Servers (DNSs). DHCP servers receiving a DHCPINFORM message construct a DHCPACK message with any local configuration parameters appropriate for the client without allocating a new IP address. This DHCPACK will be sent unicast to the client.

DHCPNAK: If the selected server is unable to satisfy the DHCPREQUEST message, the DHCP server will respond with a DHCPNAK message. When the client receives a DHCPNAK message, or does not receive a response to a DHCPREQUEST message, the client restarts the configuration process by going into the Requesting state. The client will retransmit the DHCPREQUEST at least four times within 60 seconds before restarting the Initializing state.
DHCPACK: After the DHCP server receives the DHCPREQUEST, it acknowledges the request with a DHCPACK message, thus completing the initialization process.
DHCPDECLINE: The client receives the DHCPACK and will optionally perform a final check on the parameters. The client performs this procedure by sending Address Resolution Protocol (ARP) requests for the IP address provided in the DHCPACK. If the client detects that the address is already in use by receiving a reply to the ARP request, the client will send a DHCPDECLINE message to the server and restart the configuration process by going into the Requesting state.
Reference: https://www.cisco.com/c/en/us/support/docs/ip/dynamic-address-allocation-resolution/27470-100.html