

➤ **Vendor: Cisco**

➤ **Exam Code: 350-401**

➤ **Exam Name: Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)**

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QUESTION 194

An engineer uses the Design workflow to create a new network infrastructure in Cisco DNA Center. How is the physical network device hierarchy structured?

- A. by location
- B. by role
- C. by organization
- D. by hostname naming convention

Answer: A

Explanation:

About Network Hierarchy

You can create a network hierarchy that represents your network's geographical **locations**.

QUESTION 195

Which technology is used to provide Layer 2 and Layer 3 logical networks in the Cisco SD-Access architecture?

- A. underlay network
- B. VPN routing/forwarding
- C. easy virtual network
- D. overlay network

Answer: D

Explanation:

An overlay network is created on top of the underlay network through virtualization (virtual networks). The data plane traffic and control plane signaling are contained within each virtualized network, maintaining isolation among the networks and an independence from the underlay

QUESTION 196

What is the difference between CEF and process switching?

- A. CEF processes packets that are too complex for process switching to manage.
- B. CEF is more CPU-intensive than process switching.
- C. CEF uses the FIB and the adjacency table to make forwarding decisions, whereas process switching punts each packet.
- D. Process switching is faster than CEF.

Answer: C

Explanation:

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CEF uses a FIB to make IP destination prefix-based switching decisions.

QUESTION 197

What is a requirement for an Ansible-managed node?

- A. It must have an Ansible Tower installed.
- B. It must have an SSH server running
- C. It must support ad hoc commands
- D. It must be a Linux server or a Cisco device

Answer: B

QUESTION 198

How does the RIB differ from the FIB?

- A. The RIB is used to create network topologies and routing tables. The FIB is a list of routes to particular network destinations.
- B. The FIB includes many routes a single destination. The RIB is the best route to a single destination.
- C. The RIB includes many routes to the same destination prefix. The FIB contains only the best route
- D. The FIB maintains network topologies and routing tables. The RIB is a list of routes to particular network destinations.

Answer: A

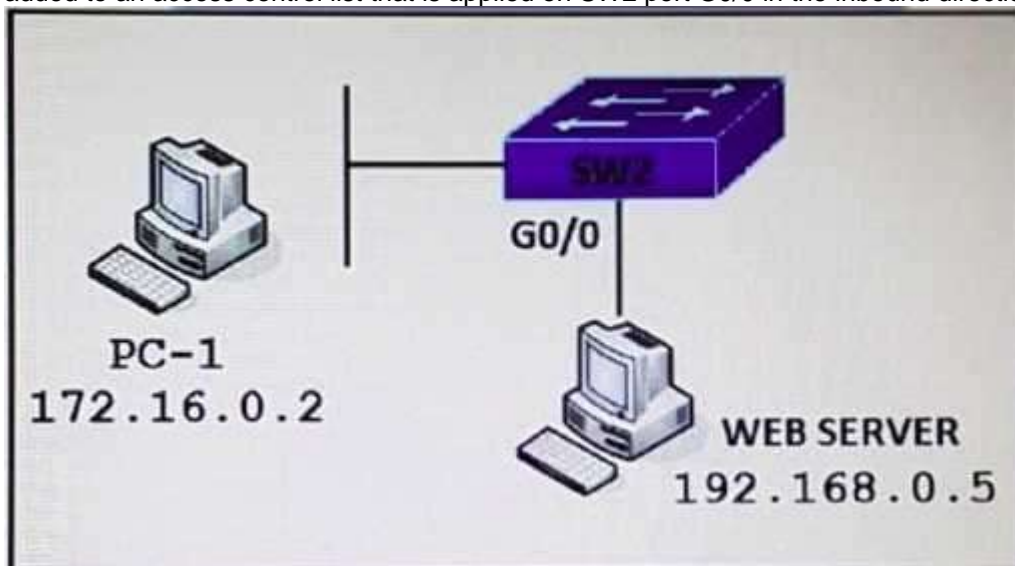
Explanation:

RIB is derived from the control plane,

FIB is used for forwarding.

QUESTION 199

Refer to the exhibit. PC-1 must access the web server on port 8080. To allow this traffic, which statement must be added to an access control list that is applied on SW2 port G0/0 in the inbound direction?



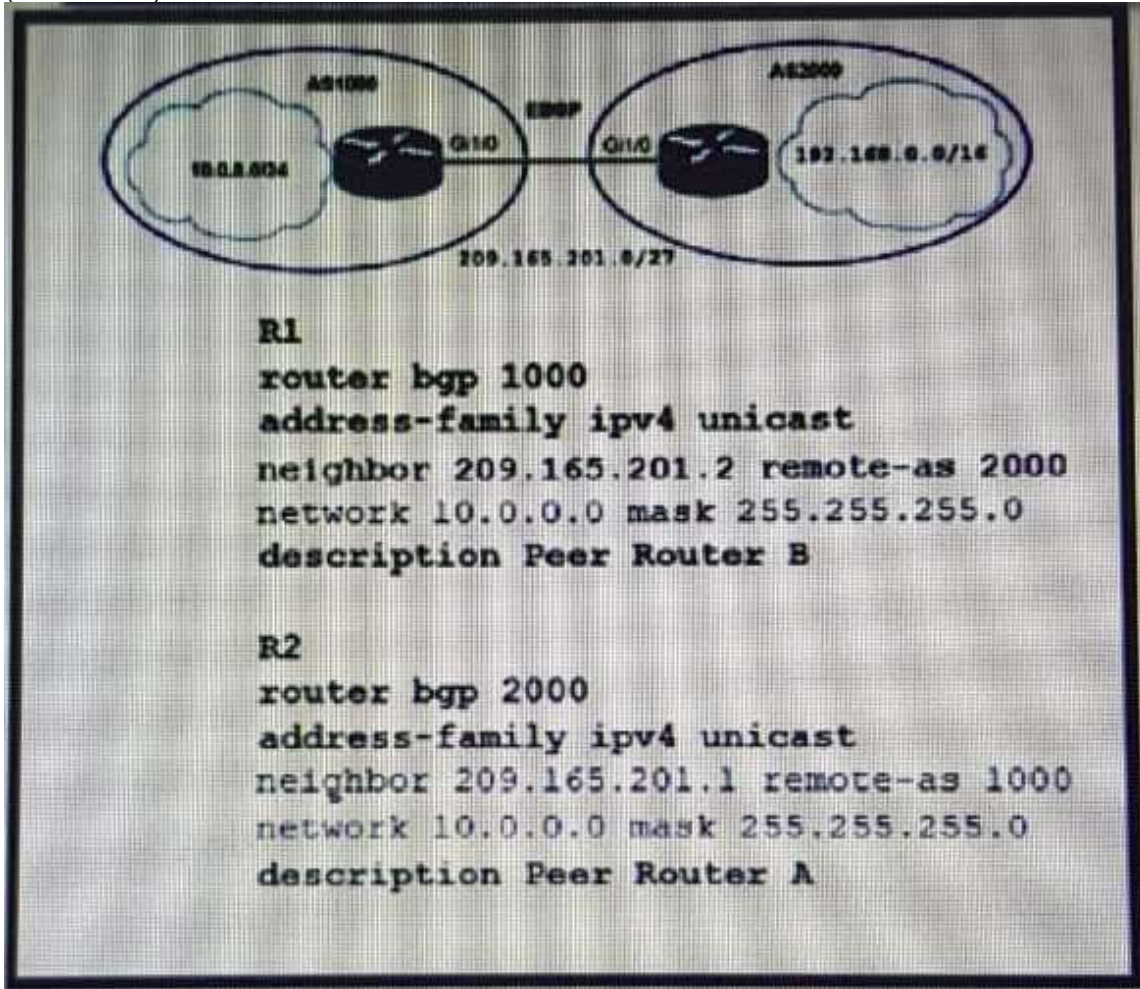
- A. permit host 172.16.0.2 host 192.168.0.5 eq 8080
- B. permit host 192.168.0.5 host 172.16.0.2 eq 8080
- C. permit host 192.168.0.5 eq 8080 host 172.16.0.2

D. permit host 192.168.0.5 it 8080 host 172.16.0.2

Answer: C

QUESTION 200

Refer to the exhibit. Which two commands are needed to allow for full reachability between AS 1000 and AS 2000? (Choose two)



- A. R1#network 19.168.0.0 mask 255.255.0.0
- B. R2#no network 10.0.0.0 255.255.255.0
- C. R2#network 19.168.0.0 mask 255.255.0.0
- D. R2#network 209.165.201.0 mask 255.255.192.0
- E. R1#no network 10.0.0.0 255.255.255.0

Answer: BC

QUESTION 201

Refer to the exhibit. What does the error message relay to the administrator who is trying to configure a Cisco IOS device?

```

<?xml version="1.0" encoding="utf-8"?>
  <data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0"/>
  
```

- A. A NETCONF request was made for a data model that does not exist.

- B. The device received a valid NETCONF request and serviced it without error.
- C. A NETCONF message with valid content based on the YANG data models was made, but the request failed.
- D. The NETCONF running datastore is currently locked.

Answer: A

Explanation:

3. Missing Data Model RPC Error Reply Message

If a request is made for a data model that doesn't exist on the Catalyst 3 response. This is expected behavior.



Tip: Use the NETCONF capabilities functionality to determine which

```
<?xml version="1.0" encoding="utf-8"?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0"/>
```

QUESTION 202

Which two actions provide controlled Layer 2 network connectivity between virtual machines running on the same hypervisor? (Choose two.)

- A. Use a single trunk link to an external Layer2 switch.
- B. Use a virtual switch provided by the hypervisor.
- C. Use a virtual switch running as a separate virtual machine.
- D. Use a single routed link to an external router on stick.
- E. Use VXLAN fabric after installing VXLAN tunneling drivers on the virtual machines.

Answer: BD

QUESTION 203

Refer to the exhibit. An engineer configures CoPP and enters the show command to verify the implementation. What is the result of the configuration?

Router2# show policy-map control-plane

Control Plane

Service-policy input: CISCO

Class-map: CISCO (match-all)

20 packets, 11280 bytes

5 minute offered rate 0 bps, drop rate 0 bps

Match: access-group 120

police:

8000 bps, 1500 limit, 1500 extended limit

conformed 15 packets, 6210 bytes; action: transmit

exceeded 5 packets, 5070 bytes; action: drop

violated 0 packets, 0 bytes; action: drop

conformed 0 bps, exceed 0 bps, violate 0 bps

Class-map: class-default (match-any)

105325 packets, 11415151 bytes

5 minute offered rate 0 bps, drop rate 0 bps

Match: any

- A. All traffic will be policed based on access-list 120.
- B. If traffic exceeds the specified rate, it will be transmitted and remarked.
- C. Class-default traffic will be dropped.
- D. ICMP will be denied based on this configuration.

Answer: A

QUESTION 204

What is a Type 1 hypervisor?

- A. runs directly on a physical server and depends on a previously installed operating system
- B. runs directly on a physical server and includes its own operating system
- C. runs on a virtual server and depends on an already installed operating system
- D. run on a virtual server and includes its own operating system

Answer: B