

➤ **Vendor: Cisco**

➤ **Exam Code: 350-401**

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

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#### QUESTION 229

During deployment, a network engineer notices that voice traffic is not being tagged correctly as it traverses the network. Which COS to DSCP map must be modified to ensure that voice traffic is treated properly?

- A. COS of 5 to DSCP 46
- B. COS of 7 to DSCP 48
- C. COS of 6 to DSCP 46
- D. COS of 3 to DSCP of 26

**Answer: A**

#### QUESTION 230

Refer to the exhibit.

Tunnel-Private-Group-Id(81) : 15

Tunnel-Medium-Type(65) : IEEE-802(6)

Tunnel-Type(64) : VLAN(13)

A wireless client is connecting to FlexAP1 which is currently working standalone mode.

The AAA authentication process is returning the following AVPs:

Which three behaviors will the client experience? (Choose three.)

- A. While the AP is in standalone mode, the client will be placed in VLAN 15.
- B. While the AP is in standalone mode, the client will be placed in VLAN 10.
- C. When the AP transitions to connected mode, the client will be de-authenticated.
- D. While the AP is in standalone mode, the client will be placed in VLAN 13.
- E. When the AP is in connected mode, the client will be placed in VLAN 13.
- F. When the AP transitions to connected mode, the client will remain associated.
- G. When the AP is in connected mode, the client will be placed in VLAN 15.
- H. When the AP is in connected mode, the client will be placed in VLAN 10.

**Answer: ADE**

#### QUESTION 231

Refer to the exhibit.

(YOUR CONNECTION IS NOT PRIVATE WARNING )

An engineer is designing a guest portal on Cisco ISE using the default configuration. During the testing phase, the engineer receives a warning when displaying the guest portal. Which issue is occurring?

- A. The server that is providing the portal has an expired certificate
- B. The server that is providing the portal has a self-signed certificate

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- C. The connection is using an unsupported protocol
- D. The connection is using an unsupported browser

**Answer: B**

**QUESTION 232**

What would be the preferred way to implement a loopless switch network where there are 1500 defined VLANs and it is necessary to load the shared traffic through two main aggregation points based on the VLAN identifier?

- A. 802.1D
- B. 802.1s
- C. 802.1W
- D. 802.1AE

**Answer: B**

**QUESTION 233**

What is the primary effect of the spanning-tree portfast command?

- A. It enables BPDU messages
- B. It minimizes spanning-tree convergence time
- C. It immediately puts the port into the forwarding state when the switch is reloaded
- D. It immediately enables the port in the listening state

**Answer: C**

**Explanation:**

Portfast feature should only be used on edge ports (ports directly connected to end stations). Neither edge ports or PortFast enabled ports generate topology changes when the link toggles so we cannot say Portfast reduces the STP convergence time.

PortFast causes a switch or trunk port to enter the spanning tree forwarding state immediately, bypassing the listening and learning states so answer 'It immediately puts the port into the forwarding state when the switch is reloaded' is the best choice.

**QUESTION 234**

An engineer reviews a router's logs and discovers the following entry. What is the event's logging severity level?

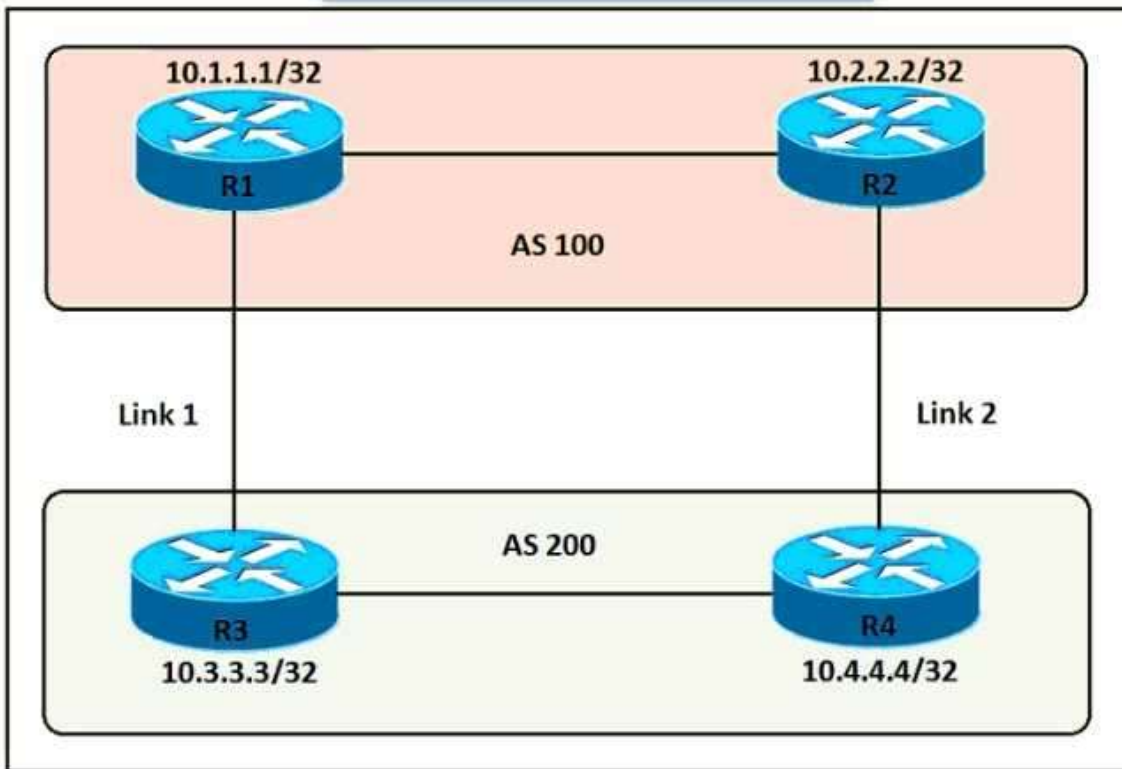
```
Router# *Jan 01 38:13:00.536: %LINK-3-UPDOWN: Interface GigabitEthernet0/1, changed state to up
```

- A. notification
- B. error
- C. informational
- D. warning

**Answer: B**

**QUESTION 235**

Refer to the exhibit. An engineer must ensure that all traffic leaving AS 200 will choose Link 2 as an entry point. Assuming that all BGP neighbor relationships have been formed and that the attributes have not been changed on any of the routers, which configuration accomplish task?



- R3(config)#route-map PREPEND permit 10  
R3(config-route-map)#set as-path prepend 200 200 200
- R3(config)#router bgp 200  
R3(config-router)#neighbor 10.1.1.1 route-map PREPEND out
- R4(config)#route-map PREPEND permit 10  
R4(config-route-map)#set as-path prepend 100 100 100
- R4(config)#router bgp 200  
R4(config-router)#neighbor 10.2.2.2 route-map PREPEND in
- R3(config)#route-map PREPEND permit 10  
R3(config-route-map)#set as-path prepend 100 100 100
- R3(config)#router bgp 200  
R3(config-router)#neighbor 10.1.1.1 route-map PREPEND in
- R4(config)#route-map PREPEND permit 10  
R4(config-route-map)#set as-path prepend 200 200 200
- R4(config)#router bgp 200  
R4(config-router)#neighbor 10.2.2.2 route-map PREPEND out

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

#### QUESTION 236

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What does Call Admission Control require the client to send in order to reserve the bandwidth?

- A. SIP flow information
- B. Wi-Fi multimedia
- C. traffic specification
- D. VoIP media session awareness

**Answer: D**

**QUESTION 237**

A client with IP address 209.165.201.25 must access a web server on port 80 at 209.165.200.225. To allow this traffic, an engineer must add a statement to an access control list that is applied in the inbound direction on the port connecting to the web server. Which statement allows this traffic?

- A. permit tcp host 209.165.200.225 eq 80 host 209.165.201.25
- B. permit tcp host 209.165.201.25 host 209.165.200.225 eq 80
- C. permit tcp host 209.165.200.225 lt 80 host 209.165.201.25
- D. permit tcp host 209.165.200.225 host 209.165.201.25 eq 80

**Answer: B**

**QUESTION 238**

Which feature is supported by EIGRP but is not supported by OSPF?

- A. equal-cost load balancing
- B. route filtering
- C. unequal-cost load balancing
- D. route summarization

**Answer: C**

**Explanation:**

EIGRP supports unequal-cost load balancing via the "variance ..." while OSPF only supports equal-cost load balancing.

**QUESTION 239**

Drag and Drop Question

Drag and drop the DHCP messages that are exchanged between a client and an AP into the order they are exchanged on the right.

DHCP request	Step 1
DHCP offer	Step 2
DHCP discover	Step 3
DHCP ack	Step 4

**Answer:**



	DHCP discover
	DHCP offer
	DHCP request
	DHCP ack

**QUESTION 240**

Drag and Drop Question

Drag and drop the characteristics from the left onto the routing protocols they describe on the right.

maintains alternative loop-free backup path if available	OSPF
Link State Protocol	
selects routes using the DUAL algorithm	
supports only equal multipath load balancing	EIGRP
Advanced Distance Vector Protocol	
quickly computes new path upon link failure	

Answer:

	OSPF
	Link State Protocol
	supports only equal multipath load balancing
	quickly computes new path upon link failure
	EIGRP
	maintains alternative loop-free backup path if available
	selects routes using the DUAL algorithm
	Advanced Distance Vector Protocol

**QUESTION 241**

Drag and Drop Question

Drag and drop the threat defense solutions from the left onto their descriptions on the right.

Umbrella	provides malware protection on endpoints
AMP4E	provides IPS/IDS capabilities
FTD	performs security analytics by collecting network flows
StealthWatch	protects against email threat vector
ESA	provides DNS protection

**Answer:**

	AMP4E
	FTD
	StealthWatch
	ESA
	Umbrella

#### QUESTION 242

Drag and Drop Question

Drag and drop the characteristics from the left onto the infrastructure types on the right.

enterprise owns the hardware	On-Premises Infrastructure
low capital expenditure	
provider maintains the infrastructure	
slow upgrade lifecycle	Cloud-Hosted Infrastructure
high capital expenditure	
fast upgrade lifecycle	

**Answer:**

	On-Premises Infrastructure
	high capital expenditure
	slow upgrade lifecycle
	enterprise owns the hardware
	Cloud-Hosted Infrastructure
	low capital expenditure
	provider maintains the infrastructure
	fast upgrade lifecycle