

# Cisco

## Exam Questions 350-401

Implementing and Operating Cisco Enterprise Network Core Technologies



### NEW QUESTION 1

Which function does a fabric edge node perform in an SD-Access deployment?

- A. Connects the SD-Access fabric to another fabric or external Layer 3 networks
- B. Connects endpoints to the fabric and forwards their traffic
- C. Provides reachability border nodes in the fabric underlay
- D. Encapsulates end-user data traffic into LISP.

**Answer:** A

### NEW QUESTION 2

Which HTTP status code is the correct response for a request with an incorrect password applied to a REST API session?

- A. HTTP Status Code 200
- B. HTTP Status Code 302
- C. HTTP Status Code 401
- D. HTTP Status Code: 504

**Answer:** C

### NEW QUESTION 3

The login method is configured on the VTY lines of a router with these parameters.

- The first method for authentication is TACACS
- If TACACS is unavailable, login is allowed without any provided credentials

Which configuration accomplishes this task?

- ☐ R1#sh run | include aaa  
aaa new-model  
aaa authentication login VTY group tacacs+ none  
aaa session-id common  
  
R1#sh run | section vty  
line vty 0 4  
password 7 02050D480809  
  
R1#sh run | include username  
R1#
- ☒ R1#sh run | include aaa  
aaa new-model  
aaa authentication login default group tacacs+  
aaa session-id common  
  
R1#sh run | section vty  
line vty 0 4  
transport input none  
R1#
- ☐ R1#sh run | include aaa  
aaa new-model  
aaa authentication login default group tacacs+ none  
aaa session-id common  
  
R1#sh run | section vty  
line vty 0 4  
password 7 02050D480809
- ☐ R1#sh run | include aaa  
aaa new-model  
aaa authentication login telnet group tacacs+ none  
aaa session-id common  
  
R1#sh run | section vty  
line vty 0 4  
  
R1#sh run | include username  
R1#

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

**Answer:** C

### NEW QUESTION 4

Which two mechanisms are available to secure NTP? (Choose two.)

- A. IP prefix list-based
- B. IPsec
- C. TACACS-based authentication
- D. IP access list-based
- E. Encrypted authentication

**Answer:** DE

### NEW QUESTION 5

What the role of a fusion in an SD-Access solution?

- A. provides connectivity to external networks

- B. acts as a DNS server
- C. performs route leaking between user-defined virtual networks and shared services
- D. provides additional forwarding capacity to the fabric

**Answer: C**

#### NEW QUESTION 6

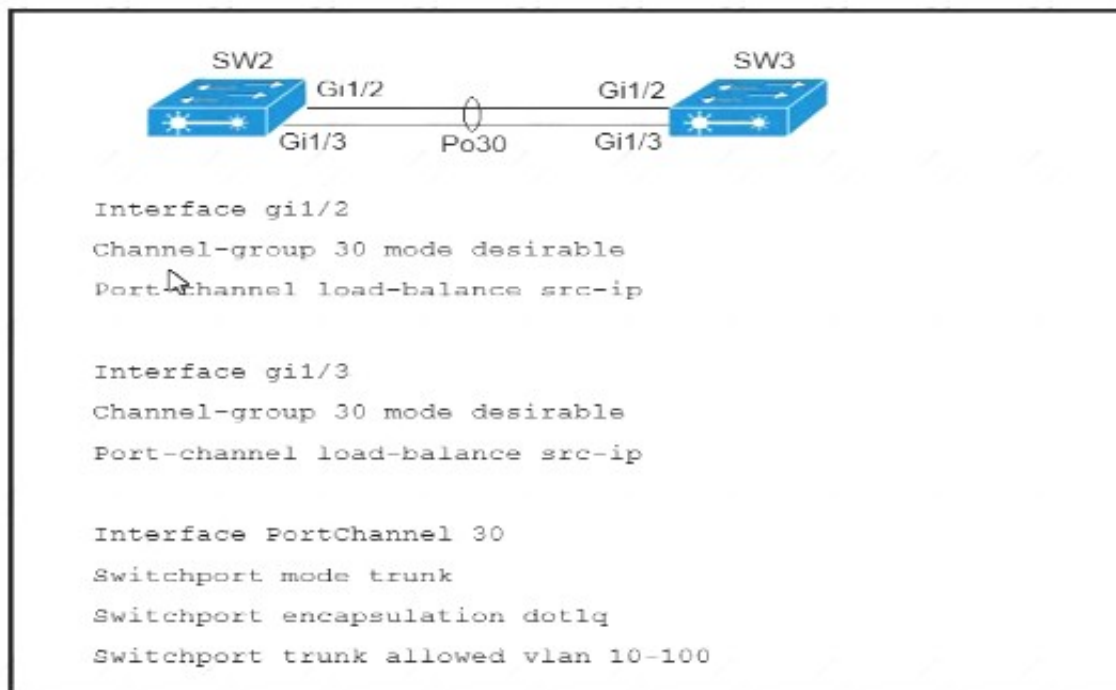
Which TCP setting is tuned to minimize the risk of fragmentation on a GRE/IP tunnel?

- A. MTU
- B. Window size
- C. MRU
- D. MSS

**Answer: D**

#### NEW QUESTION 7

Refer to the exhibit.



A port channel is configured between SW2 and SW3. SW2 is not running a Cisco operating system. When all physical connections are made, the port channel does not establish. Based on the configuration excerpt of SW3, what is the cause of the problem?

- A. The port channel on SW2 is using an incompatible protocol.
- B. The port-channel trunk is not allowing the native VLAN.
- C. The port-channel should be set to auto.
- D. The port-channel interface load balance should be set to src-mac

**Answer: A**

#### NEW QUESTION 8

Which standard access control entry permits from odd-numbered hosts in the 10.0.0.0/24 subnet?

- A. Permit 10.0.0.0.0.0.0.1
- B. Permit 10.0.0.1.0.0.0.0
- C. Permit 10.0.0.1.0.0.0.254
- D. Permit 10.0.0.0.255.255.255.254

**Answer: C**

#### NEW QUESTION 9

Which statements are used for error handling in Python?

- A. try/catch
- B. try/except
- C. block/rescue
- D. catch/release

**Answer: B**

#### NEW QUESTION 10

Which statement about an RSPAN session configuration is true?

- A. A filter must be configured for RSPAN Regions
- B. Only one session can be configured at a time
- C. A special VLAN type must be used as the RSPAN destination.
- D. Only incoming traffic can be monitored

**Answer: C**

#### NEW QUESTION 10

A local router shows an EBGP neighbor in the Active state. Which statement is true about the local router?

- A. The local router has active prefix in the forwarding table from the neighboring router
- B. The local router has BGP passive mode configured for the neighboring router
- C. The local router is attempting to open a TCP session with the neighboring router.
- D. The local router is receiving prefixes from the neighboring router and adding them in RIB-IN

**Answer: C**

#### NEW QUESTION 11

What do Cisco DNA southbound APIs provide?

- A. Interface between the controller and the network devices
- B. NETCONF API interface for orchestration communication
- C. RESful API interface for orchestrator communication
- D. Interface between the controller and the consumer

**Answer: A**

#### NEW QUESTION 13

Refer to the exhibit.

Client Properties		AP Properties	
MAC	00:09:ef:06:07:bd	AP Address	172.22.253.28
Address		AP Name	172.22.253.28
IP Address	192.168.100.149	AP Type	Mobile
Client Type	Regular	WPA2 Profile	WPA2
User Name		Status	Associated
Port Number	25	Association ID	0
Interface	Staff	802.11 Authentication	Open System
VLAN ID	3602	Reason Code	1
LLN Version	Not Supported	Status Code	0
FTT Version	Not Supported	CF Preamble	Not Implemented
Mobility Role	Anchor	CF Poll Request	Not Implemented
Mobility Peer	172.22.253.28	Short Preamble	Implemented
IP Address		PBCC	Not Implemented
Policy		Channel Agility	Not Implemented
Manager	RUN	Timeout	0
State		WFP State	WFP Enable
Management	No		
Protection			
Uptime	2710		
(Sec)			
Power Save	Off		
Mode			
Current			
TxRateSet	5.5,11.0,6.0,9.0,12.0,18.0,24.0,36.0,48.0		
Data			
RateSet	54.0		

The WLC administrator sees that the controller to which a roaming client associates has Mobility Role Anchor configured under Clients > Detail. Which type of roaming is supported?

- A. Indirect
- B. Layer 3 intercontroller
- C. Layer 2 intercontroller
- D. Intracontroller

**Answer: B**

#### NEW QUESTION 17

Based on this interface configuration, what is the expected state of OSPF adjacency?

```

R1:
interface GigabitEthernet0/1
 ip address 192.0.2.1 255.255.255.252
 ip ospf 1 area 0
 ip ospf hello-interval 2
 ip ospf cost 1
end

R2:
interface GigabitEthernet0/1
 ip address 192.0.2.2 255.255.255.252
 ip ospf 1 area 0
 ip ospf cost 300
end
  
```

- A. Full on both routers
- B. not established
- C. 2WAY/DROTHER on both routers
- D. FULL/BDR on R1 and FULL/BDR on R2

**Answer:** B

**NEW QUESTION 22**

Which QoS component alters a packet to change the way that traffic is treated in the network?

- A. Marking
- B. Classification
- C. Shaping
- D. Policing

**Answer:** A

**NEW QUESTION 25**

Which statement about TLS is true when using RESTCONF to write configurations on network devices?

- A. It is provided using NGINX acting as a proxy web server.
- B. It is no supported on Cisco devices.
- C. It required certificates for authentication.
- D. It is used for HTTP and HTTPs requests.

**Answer:** C

**NEW QUESTION 29**

Which method displays text directly into the active console with a synchronous EEM applet policy?

- A. event manager applet boom event syslog pattern 'UP'action 1.0 gets 'logging directly to console'
- B. event manager applet boom event syslog pattern 'UP'action 1.0 syslog priority direct msg 'log directly to console'
- C. event manager applet boom event syslog pattern 'UP'action 1.0 puts 'logging directly to console'
- D. event manager applet boom event syslog pattern 'UP'action 1.0 string 'logging directly to console'

**Answer:** B

**NEW QUESTION 31**

To increase total throughput and redundancy on the links between the wireless controller and switch, the customer enabled LAG on the wireless controller Which EtherChannel mode must be configured on the switch to allow the WLC to connect?

- A. Auto
- B. Active
- C. On
- D. Passive

**Answer:** C

**NEW QUESTION 35**

Which NGFW mode block flows crossing the firewall?

- A. Passive
- B. Tap
- C. Inline tap
- D. Inline

**Answer:** C

**NEW QUESTION 39**

What are two benefits of virtualizing the server with the use of VMs in data center environment? (Choose two.)

- A. Increased security
- B. reduced rack space, power, and cooling requirements
- C. reduced IP and MAC address requirements
- D. speedy deployment
- E. smaller Layer 2 domain

**Answer:** BD

**NEW QUESTION 44**

Which controller is the single plane of management for Cisco SD-WAN?

- A. vBond
- B. vEdge
- C. vSmart
- D. vManage

**Answer:** D

#### NEW QUESTION 49

In which part of the HTTP message is the content type specified?

- A. HTTP method
- B. URI
- C. header
- D. body

**Answer:** D

#### NEW QUESTION 53

An engineer configures a WLAN with fast transition enabled. Some legacy clients fail to connect to this WLAN. Which feature allows the legacy clients to connect while still allowing other clients to use fast transition based on their OLTIs?

- A. over the DS
- B. adaptive R
- C. 802.11V
- D. 802.11k

**Answer:** B

#### NEW QUESTION 58

What is the difference between a RIB and a FIB?

- A. The RIB is used to make IP source prefix-based switching decisions
- B. The FIB is where all IP routing information is stored
- C. The RIB maintains a mirror image of the FIB
- D. The FIB is populated based on RIB content

**Answer:** D

#### NEW QUESTION 59

What are two common sources of interference for Wi-Fi networks? (Choose two.)

- A. radar
- B. LED lights
- C. rogue AP
- D. conventional oven
- E. fire alarm

**Answer:** AC

#### NEW QUESTION 61

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