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
Refer to the exhibit.

```
R1# sh run | begin line con
line con o
  exec-timeout 0 0
  privilege level 15
  logging synchronous
  stopbits 1
line aux o
  exec-timeout 0 0
  privilege level 15
  logging synchronous
  stopbits 1
line vty 0 4
  password 7 045802150C2E
  login
line vty 5 15
  password 7 045802150C2E
  login
!
end

R1# sh run | include aaa | enable
no aaa new-model
R1#
```

Which privilege level is assigned to VTY users?

A. 1
B. 7
C. 13
D. 15

Answer: D

NEW QUESTION 3
An engineer is configuring local web authentication on a WLAN. The engineer chooses the Authentication radio button under the Layer 3 Security options for Web Policy. Which device presents the web authentication for the WLAN?

A. ISE server
B. local WLC
C. RADIUS server
D. anchor WLC

Answer: B

NEW QUESTION 4
A network is being migrated from IPV4 to IPV6 using a dual-stack approach. Network management is already 100% IPV6 enabled. In a dual-stack network with two dual-stack NetFlow collections, how many flow exporters are needed per network device in the flexible NetFlow configuration?

A. 1
B. 2
C. 4
D. 8

Answer: B

NEW QUESTION 5
Refer to the exhibit.
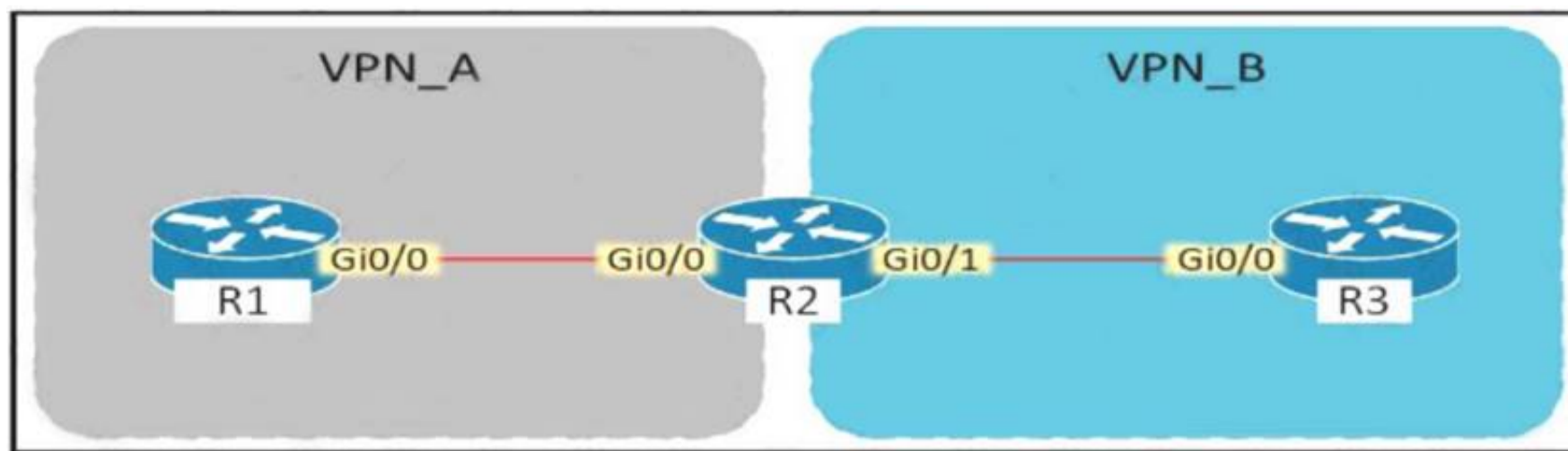
Assuming that R is a CE router, which VRF is assigned to Gi0/0 on R1?

A. VRF VPN_B
B. Default VRF
C. Management VRF
D. VRF VPN_A

Answer: D

NEW QUESTION 6
A client device fails to see the enterprise SSID, but other devices are connected to it. What is the cause of this issue?

A. The hidden SSID was not manually configured on the client.
B. The broadcast SSID was not manually configured on the client.
C. The client has incorrect credentials stored for the configured hidden SSID.
D. The client has incorrect credentials stored for the configured broadcast SSID.

Answer: A

NEW QUESTION 7
Which two steps are required for a complete Cisco DNA Center upgrade? (Choose two.)

A. golden image selection
B. automation backup
C. proxy configuration
D. application updates
E. system update

Answer: DE

NEW QUESTION 8
If a VRRP master router fails, which router is selected as the new master router?

A. router with the highest priority
B. router with the highest loopback address
C. router with the lowest loopback address
D. router with the lowest priority

Answer: A

NEW QUESTION 9
Which HHTP 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 10
Which PAgP mode combination prevents an Etherchannel from forming?

A. auto/auto
B. desirable/desirable
C. auto/desirable
D. desirable

Answer: A

NEW QUESTION 10
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 12

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 17

Which statement about a fabric access point is true?

A. It is in local mode an must be connected directly to the fabric border node.
B. It is in FlexConnect mode and must be connected directly to the fabric border node.
C. It is in local mode an must connected directly to the fabric edge switch.
D. It is in FlexConnect mode and must be connected directly to the fabric edge switch.

Answer: C

NEW QUESTION 18

Which OSPF networks types are compatible and allow communication through the two peering devices?

A. broadcast to nonbroadcast
B. point-to-multipoint to nonbroadcast
C. broadcast to point-to-point
D. point-to-multipoint to broadcast

Answer: B

NEW QUESTION 22

Which method creates an EEM applet policy that is registered with EEM and runs on demand or manually?

A. event manager applet ondemand event registeraction 1.0 syslog priority critical msg 'This is a message from ondemand'
B. event manager applet ondemand event manualaction 1.0 syslog priority critical msg 'This is a message from ondemand'
C. event manager applet ondemand event noneaction 1.0 syslog priority critical msg 'This is a message from ondemand'
D. event manager applet ondemandaction 1.0 syslog priority critical msg 'This is a message from ondemand'

Answer: C

NEW QUESTION 27
Which method does the enable secret password option use to encrypt device passwords?

A. AES
B. CHAP
C. PAP
D. MD5

Answer: D

NEW QUESTION 30
Which access controls list allows only TCP traffic with a destination port range of 22-433, excluding port 80?

A. Deny tcp any any eq 80 Permit tcp any any gt 21 it 444
B. Permit tcp any any ne 80
C. Permit tcp any any range 22 443 Deny tcp any any eq 80
D. Deny tcp any any ne 80Permit tcp any any range 22 443

Answer: A

NEW QUESTION 34
Refer to exhibit.
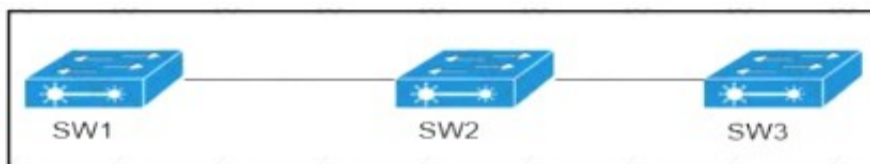
VLANs 50 and 60 exist on the trunk links between all switches All access ports on SW3 are configured for VLAN 50 and SW1 is the VTP server Which command ensures that SW3 receives frames only from VLAN 50?

A. SW1 (config)#vtp pruning
B. SW3(config)#vtp mode transparent
C. SW2(config)=vtp pruning
D. SW1 (config >»vtp mode transparent

Answer: A

NEW QUESTION 37
Which statement describes the IP and MAC allocation requirements for virtual machines on types 1 hypervisors?

A. Each virtual machine requires a unique IP and MAC addresses to be able to reach to other nodes.
B. Each virtual machine requires a unique IP address but shares the MAC address with the physical server
C. Each virtual machines requires a unique IP address but shares the MAC address with the address of the physical server.
D. Each virtual machine requires a unique MAC address but shares the IP address with the physical server.

Answer: A

NEW QUESTION 41
Which standard access control entry permits from odd-numbered hosts in the 10.0.0.0/24 subnet?

A. Permit 10.0.0.0.0.0.1
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 42
Which statement about VXLAN is true?

A. VXLAN uses TCP 35 the transport protocol over the physical data cento network
B. VXLAN extends the Layer 2 Segment ID field to 24-bit
C. which allows up to 4094 unique Layer 2 segments over the same network.
D. VXLAN encapsulates a Layer 2 frame in an IP-UDP header, which allows Layer 2 adjacency across router boundaries.
E. VXLAN uses the Spanning Tree Protocol for loop prevention.

Answer: C

NEW QUESTION 43
Which statement about an RSPAN session configuration is true?

A. A fitter mutt 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 48
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 53
Which First Hop Redundancy Protocol maximizes uplink utilization and minimizes the amount of configuration that is necessary?

A. GLBP
B. HSRP v2
C. VRRP
D. HSRP v1

Answer: A

NEW QUESTION 54
Refer to the exhibit.

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 55
A customer has several small branches and wants to deploy a WI-FI solution with local management using CAPWAP. Which deployment model meets this requirement?

A. Autonomous
B. Mobility Express
C. SD-Access wireless
D. Local mode

Answer: B

NEW QUESTION 59
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 500
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 63
Which statement about route targets is true when using VRF-Lite?

A. When BGP is configured, route targets are transmitted as BGP standard communities.
B. Route targets control the import and export of routes into a customer routing table.
C. Route targets allow customers to be assigned overlapping addresses.
D. Route targets uniquely identify the customer routing table.

Answer: B

NEW QUESTION 65
What is the difference between the enable password and the enable secret password when service password encryption is enable on an IOS device?

A. The enable password is encrypted with a stronger encryption method.
B. There is no difference and both passwords are encrypted identically.
C. The enable password cannot be decrypted.
D. The enable secret password is protected via stronger cryptography mechanisms.

Answer: D

NEW QUESTION 66
Refer to the exhibit.

```
R1#debug ip ospf hello
R1#debug condition interface Fa0/1
      Condition 1 Set
```

Which statement about the OPSF debug output is true?

A. The output displays all OSPF messages which router R1 has sent to received on interface Fa0/1.
B. The output displays all OSPF messages which router R1 has sent or received on all interfaces.
C. The output displays OSPF hello messages which router R1 has sent received on interface Fa0/1.
D. The output displays OSPF hello and LSACK messages which router R1 has sent or received.

Answer: C

NEW QUESTION 69
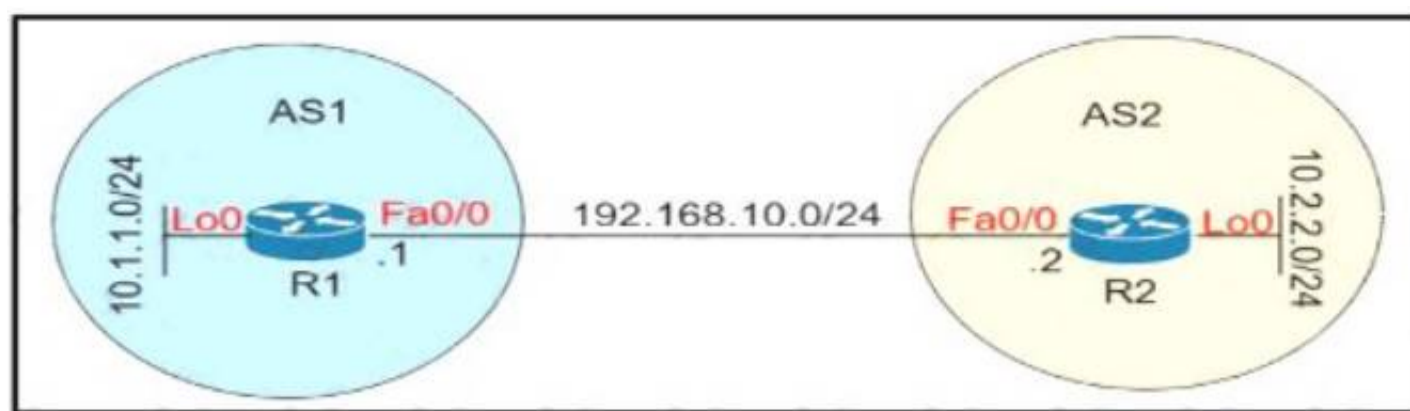Which two methods are used by an AP that is typing to discover a wireless LAN controller? (Choose two.)

A. Cisco Discovery Protocol neighbour
B. broadcasting on the local subnet
C. DNS lookup cisco-DNA-PRIMARY.localdomain
D. DHCP Option 43
E. querying other APs

Answer: CD

NEW QUESTION 73
Refer to the exhibit.

Which configuration establishes EBGP neighborship between these two directly connected neighbors and exchanges the loopback network of the two routers through BGP?

A)

```
R1(config)#router bgp 1
R1(config-router)#neighbor 192.168.10.2 remote-as 2
R1(config-router)#network 10.1.1.0 mask 255.255.255.0

R2(config)#router bgp 2
R2(config-router)#neighbor 192.168.10.1 remote-as 1
R2(config-router)#network 10.2.2.0 mask 255.255.255.0
```

B)

```
R1(config)#router bgp 1
R1(config-router)#neighbor 10.2.2.2 remote-as 2
R1(config-router)#network 10.1.1.0 mask 255.255.255.0

R2(config)#router bgp 2
R2(config-router)#neighbor 10.1.1.1 remote-as 1
R2(config-router)#network 10.2.2.0 mask 255.255.255.0
```

C)

```
R1(config)#router bgp 1
R1(config-router)#neighbor 192.168.10.2 remote-as 2
R1(config-router)#network 10.0.0.0 mask 255.0.0.0

R2(config)#router bgp 2
R2(config-router)#neighbor 192.168.10.1 remote-as 1
R2(config-router)#network 10.0.0.0 mask 255.0.0.0
```

D)

```
R1(config)#router bgp 1
R1(config-router)#neighbor 10.2.2.2 remote-as 2
R1(config-router)#neighbor 10.2.2.2 update-source lo0
R1(config-router)#network 10.1.1.0 mask 255.255.255.0

R2(config)#router bgp 2
R2(config-router)#neighbor 10.1.1.1 remote-as 1
R2(config-router)#neighbor 10.1.1.1 update-source lo0
R2(config-router)#network 10.2.2.0 mask 255.255.255.0
```

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

Answer: A

NEW QUESTION 77
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 78
Drag and drop the characteristics from the left onto the correct routing protocol types on the right.

supports unequal path load balancing

link state routing protocol

distance vector routing protocol

metric is based on delay and reliability by default

makes it easy to segment the network logically

constructs three tables as part of its operation: neighbor table, topology table, and routing table

OSPF

EIGRP

A. Mastered
B. Not Mastered

Answer: A

Explanation:
OSPF: SEGMENT, LINK STATE, TABLES
EIGRP: UNEQUAL PATH, DISTANCE VECTOR, METRIC

NEW QUESTION 80
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 82
Refer to the exhibit.

```
SwitchC#show vtp status
VTP Version                          : 2
Configuration Revision               : 0
Maximum VLANs supported locally      : 255
Number of existing VLANs             : 8
VTP Operating Mode                   : Transparent
VTP Domain Name                      : cisco.com
VTP Pruning Mode                     : Disabled
VTP V2 Mode                          : Disabled
VTP Traps Generation                 : Disabled
MD5 digest                           : 0xE5 0x28 0x5D 0x3E 0x2F 0xE5 0xAD 0x2B
Configuration last modified by 0.0.0.0 at 1-10-19 09:01:38

SwitchC#show vlan brief

VLAN Name                            Status      Ports
---- -------------------------------- ---------- ------------------------------------
1    default                          active      Fa0/3, Fa0/4, Fa0/5, Fa0/6
                                                  Fa0/7, Fa0/8, Fa0/9, Fa0/10
                                                  Fa0/11, Fa0/12, Fa0/13, Fa0/14
                                                  Fa0/15, Fa0/16, Fa0/17, Fa0/18
                                                  Fa0/19, Fa0/20, Fa0/21, Fa0/22
                                                  Fa0/23, Fa0/24, Po1

110  Finance                          active
210  HR                               active      Fa0/1
310  Sales                            active      Fa0/2
[...output omitted...]

SwitchC#show int trunk
Port        Mode          Encapsulation  Status        Native vlan
Gig1/1      on            802.1q         trunking      1
Gig1/2      on            802.1q         trunking      1

Port        Vlans allowed on trunk
Gig1/1      1-1005
Gig1/2      1-1005

Port        Vlans allowed and active in management domain
Gig1/1      1,110,210,310
Gig1/2      1,110,210,310

Port        Vlans in spanning tree forwarding state and not pruned
Gig1/1      1,110,210,310
Gig1/2      1,110,210,310

SwitchC#show run interface port-channel 1
interface Port-channel 1
  description Uplink_to_Core
  switchport mode trunk
```

SwitchC connects HR and Sales to the Core switch However, business needs require that no traffic from the Finance VLAN traverse this switch Which command meets this requirement?

A)

SwitchC(config)#vtp pruning

B)

SwitchC(config)#vtp pruning vlan 110

C)

SwitchC(config)#interface port-channel 1
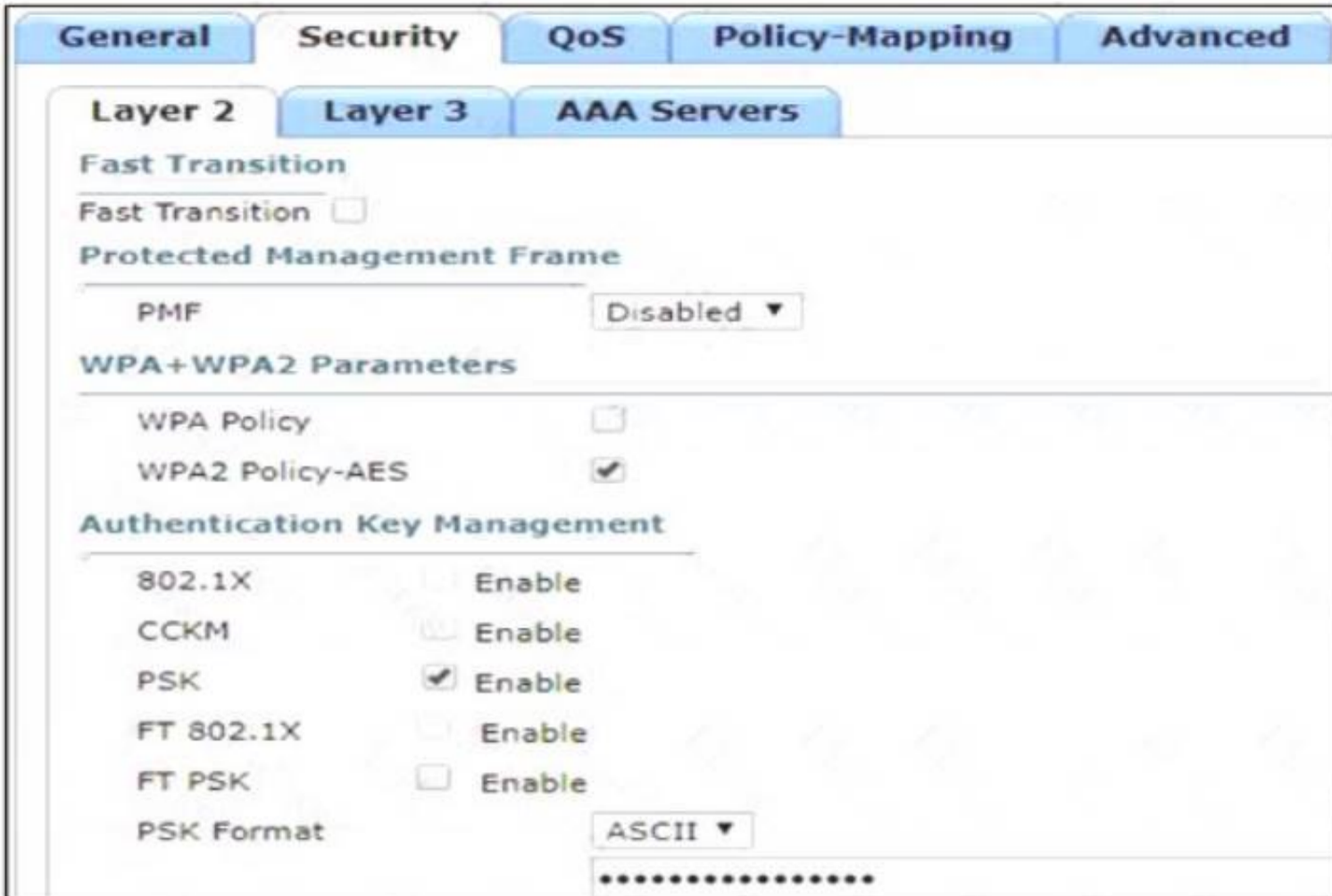**SwitchC(config-if)#switchport trunk allowed vlan add 210,310**

D)

SwitchC(config)#interface port-channel 1
SwitchC(config-if)#switchport trunk allowed vlan remove 110

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

Answer: D

NEW QUESTION 83

Refer to the exhibit.

Based on the configuration in this WLAN security setting, Which method can a client use to authenticate to the network?

A. text string
B. username and password
C. certificate
D. RADIUS token

Answer: A

NEW QUESTION 87
Which two descriptions of FlexConnect mode for Cisco APs are true? (Choose two.)

A. APs that operate in FlexConnect mode cannot detect rogue Aps.
B. FlexConnect mode is used when the APs are set up in a mesh environment and used to bridge between each other.
C. FlexConnect mode is a feature that is designed to allow specified CAPWAP-enabled APs to exclude themselves from managing data traffic between clients and infrastructure.
D. When connected to the controller, FlexConnect APs can tunnel traffic back to the controller.
E. FlexConnect mode is a wireless solution for branch office and remote office deployments.

Answer: CD

NEW QUESTION 92
Which NGFW mode block flows crossing the firewall?

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

Answer: C

NEW QUESTION 95
Which statement about Cisco EAP-FAST is true?

A. It does not require a RADIUS server certificate.
B. It requires a client certificate.
C. It is an IETF standard.
D. It operates in transparent mode.

Answer: A

NEW QUESTION 98
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 99
Which controller is the single plane of management for Cisco SD-WAN?

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

Answer: D

NEW QUESTION 104
When reason could cause an OSPF neighborship to be in the EXSTART/EXCHANGE state?

A. Mismatched OSPF network type
B. Mismatched areas
C. Mismatched MTU size
D. Mismatched OSPF link costs

Answer: C

NEW QUESTION 106
Which two operations are valid for RESTCONF? (Choose two.)

A. HEAD
B. REMOVE
C. PULL
D. PATCH
E. ADD
F. PUSH

Answer: AD

NEW QUESTION 107
What does this EEM applet event accomplish?
"event snmp oid 1.3.6.1.3.7.1.5.1.2.4.2.9 get-type next entry-op g entry-val 75 poll-interval 5"

A. It issues email when the value is greater than 75% for five polling cycles.
B. It reads an SNMP variable, and when the value exceeds 75% for live polling cycles.
C. It presents a SNMP variable that can be interrogated.
D. Upon the value reaching 75%, a SNMP event is generated and sent to the trap server.

Answer: B

NEW QUESTION 110
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 113
A client with IP address 209 16b 201 2b must access a web server on port 80 at 209 I6b.200.22b. 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

NEW QUESTION 118
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

350-401 Practice Exam Features:

* 350-401 Questions and Answers Updated Frequently

* 350-401 Practice Questions Verified by Expert Senior Certified Staff

* 350-401 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 350-401 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
Order The 350-401 Practice Test Here