

# Cisco

## Exam Questions 350-401

Implementing and Operating Cisco Enterprise Network Core Technologies



**NEW QUESTION 1**

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 2**

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 3**

Which statement about agent-based versus agentless configuration management tools is true?

- A. Agentless tools require no messaging systems between master and slaves.
- B. Agentless tools use proxy nodes to interface with slave nodes.
- C. Agent-based tools do not require a high-level language interpreter such as Python or Ruby on slave nodes.
- D. Agent-based tools do not require installation of additional software packages on the slave nodes.

**Answer: D**

**NEW QUESTION 4**

Which PAgP mode combination prevents an Etherchannel from forming?

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

**Answer: A**

**NEW QUESTION 5**

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 6**

Refer to the exhibit.

```

Interface gi1/2
Channel-group 30 mode desirable
Port-channel load-balance src-ip

Interface gi1/3
Channel-group 30 mode desirable
Port-channel load-balance src-ip

Interface PortChannel 30
Switchport mode trunk
Switchport encapsulation dot1q
Switchport trunk allowed vlan 10-100
    
```

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 7

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 8

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 9

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 10

Which feature must be configured to allow packet capture over Layer 3 infrastructure'?

- A. VSPAN
- B. IPSPAN
- C. RSPAN
- D. ERSPAN

**Answer:** D

#### NEW QUESTION 10

Which two protocols are used with YANG data models? (Choose two.)

- A. HTTPS
- B. SSH
- C. RESTCONF
- D. TLS
- E. NETCONF

**Answer:** CE

#### NEW QUESTION 15

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 17

What is the correct EBGP path attribute list, ordered from most preferred to the least preferred, that the BGP best-path algorithm uses?

- A. weigh

- B. AS path, local preferenc
- C. MED
- D. weight, local preference AS path, MED
- E. local preference weight AS path, MED
- F. local preference, weight MED, AS path

Answer: B

**NEW QUESTION 21**

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
MDS 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)

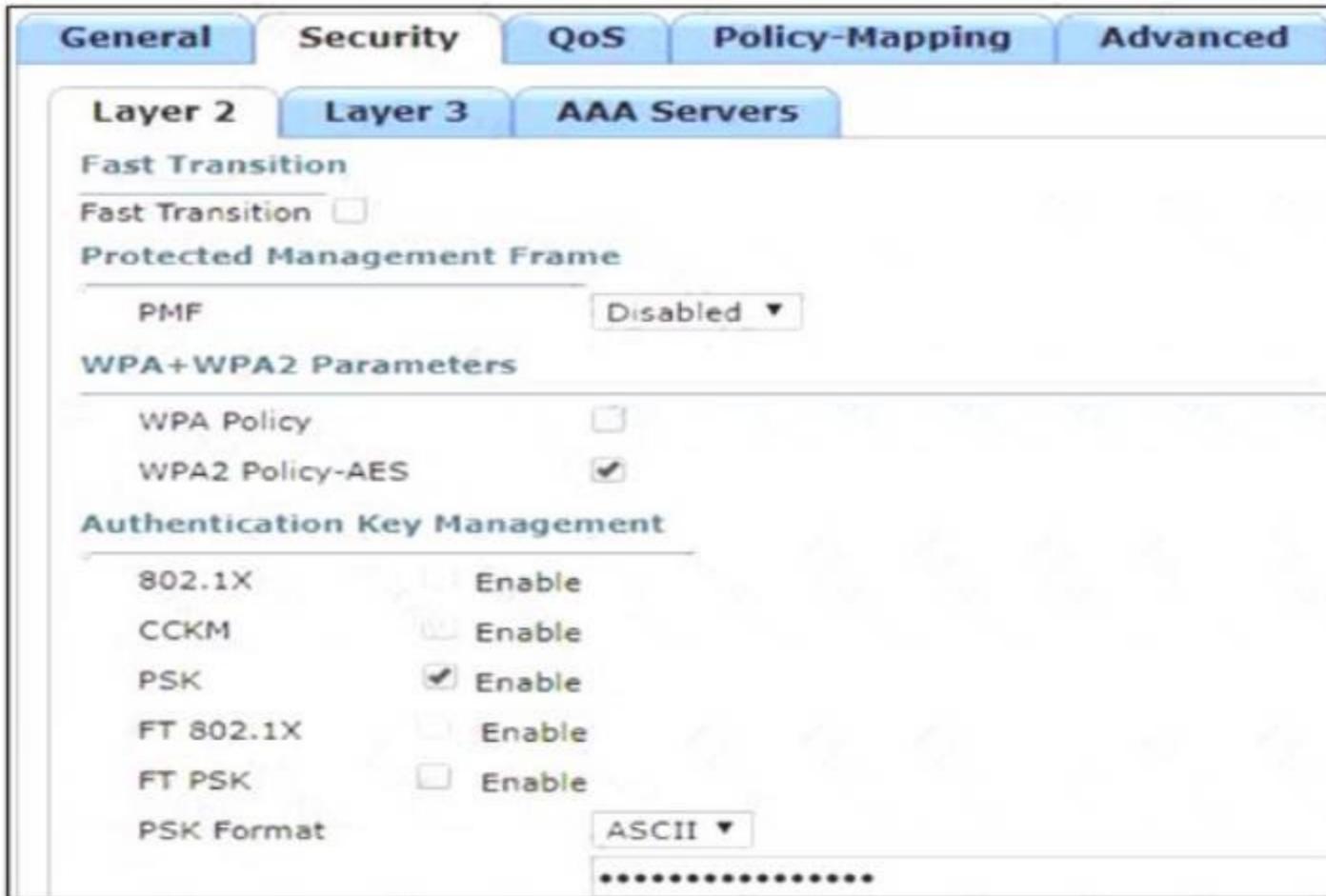
**SwitchC(config)#interface port-channel 1  
SwitchC(config-if)#switchport trunk allowed vlan remove 110**

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

**Answer: D**

**NEW QUESTION 26**

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 30**

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

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

**Answer: D**

**NEW QUESTION 34**

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 36**

Which LISP device is responsible for publishing EID-to-RLOC mappings for a site?

- A. ETR
- B. MS
- C. ITR
- D. MR

**Answer: A**

**NEW QUESTION 41**

Refer to the exhibit.

```
R1#show ip bgp
BGP table version is 32, local router ID is 192.168.101.5
Status codes: S suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
               x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found
   Network        Next Hop        Metric  LocPrf  Weight  Path
*   192.168.102.0  192.168.101.18   80
*                   192.168.101.14   80      80
*                   192.168.101.10   0      0 64515 64515 i
*>                  192.168.101.2    32768  64513 i
*                   192.168.101.6    80      0 64514 64514 i
```

Which IP address becomes the active next hop for 192.168.102.0/24 when 192.168.101.2 fails?

- A. A.-192.168.101.18
- B. 192.168.101.6
- C. 192.168.101.10
- D. 192.168.101.14

**Answer: A**

**NEW QUESTION 42**

Which feature does Cisco TrustSec use to provide scalable, secure communication throughout a network?

- A. security group tag ACL assigned to each port on a switch
- B. security group tag number assigned to each port on a network
- C. security group tag number assigned to each user on a switch
- D. security group tag ACL assigned to each router on a network

**Answer: B**

**NEW QUESTION 47**

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**

**NEW QUESTION 52**

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