



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

Refer to the exhibit.

```
Extended IP access list EGRESS
10 permit ip 10.0.0.0 0.0.0.255 any
|
<Output Omitted>
|
interface GigabitEthernet0/0
ip address 209.165.200.225 255.255.255.0
ip access-group EGRESS out
duplex auto
speed auto
media-type rj45
|
```

An engineer must block all traffic from a router to its directly connected subnet 209.165.200.0/24. The engineer applies access control list EGRESS in the outbound direction on the GigabitEthernet0/0 interface of the router. However, the router can still ping hosts on the 209.165.200.0/24 subnet. Which

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

of this behavior is true?

- A. Access control lists that are applied outbound to a router interface do not affect traffic that is sourced from the router.
- B. Only standard access control lists can block traffic from a source IP address.
- C. After an access control list is applied to an interface, that interface must be shut and no shut for the access control list to take effect.
- D. The access control list must contain an explicit deny to block traffic from the router.

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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

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NEW QUESTION 4

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 5

Which protocol does REST API rely on to secure the communication channel?

- A. TCP
- B. HTTPS
- C. SSH
- D. HTTP

Answer: B

NEW QUESTION 6

On which protocol or technology is the fabric data plane based in Cisco SD-Access fabric?

- A. LISP

- B. IS-IS
- C. Cisco TrustSec
- D. VXLAN

Answer: D

NEW QUESTION 7

Which PAgP mode combination prevents an Etherchannel from forming?

- A. auto/auto
- B. desirable/desirable
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NEW QUESTION 8

Which statement about Cisco Express Forwarding is true?

- A. It uses a fast cache that is maintained in a router data plane.
- B. maintains two tables in the data plane the FIB and adjacency table.
- C. It makes forwarding decisions by a process that is scheduled through the IOS scheduler.
- D. The CPU of a router becomes directly involved with packet-switching decisions.

Answer: B

NEW QUESTION 9

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 10

Which statement explains why Type 1 hypervisor is considered more efficient than Type 2 hypervisor?

- A. Type 1 hypervisor runs directly on the physical hardware of the host machine without relying on the underlying OS.
- B. Type 1 hypervisor enables other operating systems to run on it.
- C. Type 1 hypervisor relies on the existing OS of the host machine to access CPU, memory, storage, and network resources.
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NEW QUESTION 10

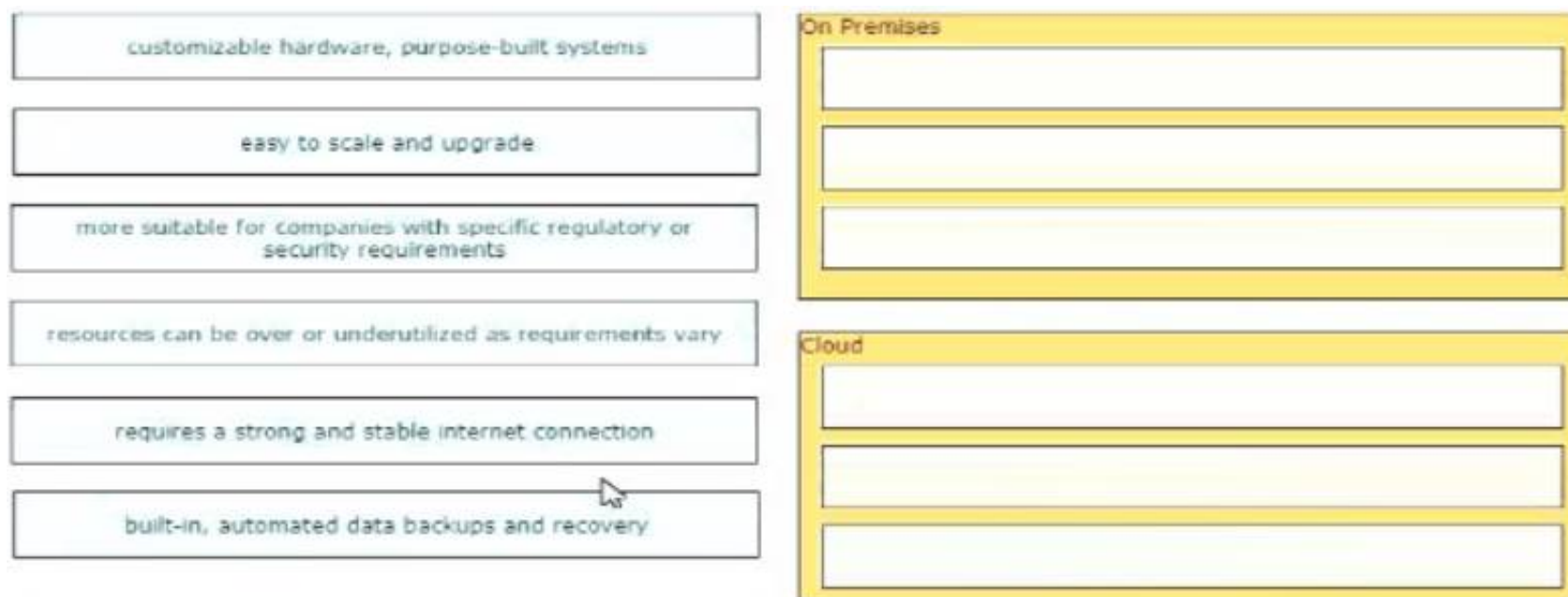
Which statement about a fabric access point is true?

- A. It is in local mode and 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 and must be 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 12

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

On premise: customizable,specific requirements,resources Cloud: scale, built-in automated backup, strong stable internet

NEW QUESTION 17

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 does the enable secret password option use to encrypt device passwords?

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

Answer: D

NEW QUESTION 25

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 27

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 31

Which DNS lookup does an access point perform when attempting CAPWAP discovery?

- A. CISCO-DNA-CONTROLLER local
- B. CAPWAP-CONTROLLER local
- C. CISCO-CONTROLLER local
- D. CISCO-CAPWAP-CONTROLLER local

Answer: D

NEW QUESTION 33

What is a benefit of data modeling languages like YANG?

- A. They enable programmers to change or write their own application within the device operating system.
- B. They create more secure and efficient SNMP OIDs.
- C. They make the CLI simpler and more efficient.
- D. They provide a standardized data structure, which results in configuration scalability and consistency.

Answer: D

NEW QUESTION 34

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 37

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 41

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

- A. Permit 10.0.0.0.0.0.0.1
- 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 44

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 45

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 49

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 52

Which action is the vSmart controller responsible for in an SD-WAN deployment?

- A. onboard vEdge nodes into the SD-WAN fabric
- B. distribute security information for tunnel establishment between vEdge routers
- C. manage, maintain, and gather configuration and status for nodes within the SD-WAN fabric
- D. gather telemetry data from vEdge routers

Answer: B

NEW QUESTION 53

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 56

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 59

How does Cisco Trustsec enable more flexible access controls for dynamic networking environments and data centers?

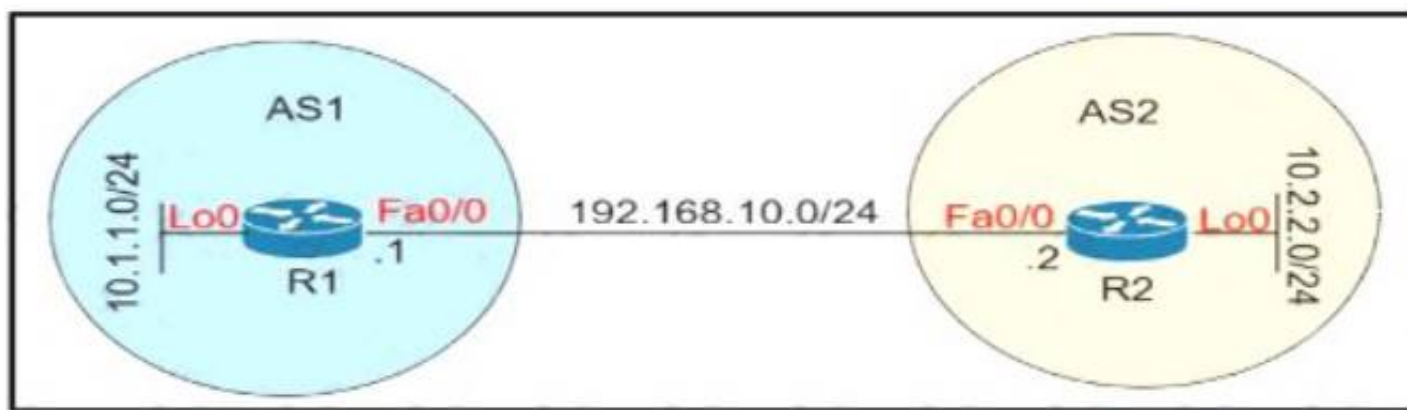
- A. uses flexible NetFlow
- B. assigns a VLAN to the endpoint
- C. classifies traffic based on the contextual identity of the endpoint rather than its IP address

D. classifies traffic based on advanced application recognition

Answer: C

NEW QUESTION 61

Refer to the exhibit.



Which configuration establishes EBGp neighborhood 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 65

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 68

Refer to the exhibit.

```
Extended IP access list EGRESS
10 permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
20 deny ip any any
```

An engineer must modify the access control list EGRESS to allow all IP traffic from subnet 10.1.10.0/24 to 10.1.2.0/24. The access control list is applied in the outbound direction on router interface GigabitEthernet 0/1. Which configuration commands can the engineer use to allow this traffic without disrupting existing traffic flows?

A)

```
config t
  ip access-list extended EGRESS
  permit ip 10.1.10.0 255.255.255.0 10.1.2.0 255.255.255.0
```

B)

```
config t
  ip access-list extended EGRESS
  5 permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

C)

```
config t
  ip access-list extended EGRESS2
  permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
  permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
  deny ip any any
!
interface g0/1
  no ip access-group EGRESS out
  ip access-group EGRESS2 out
```

D)

```
config t
  ip access-list extended EGRESS
  permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

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

Answer: B

NEW QUESTION 73

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)

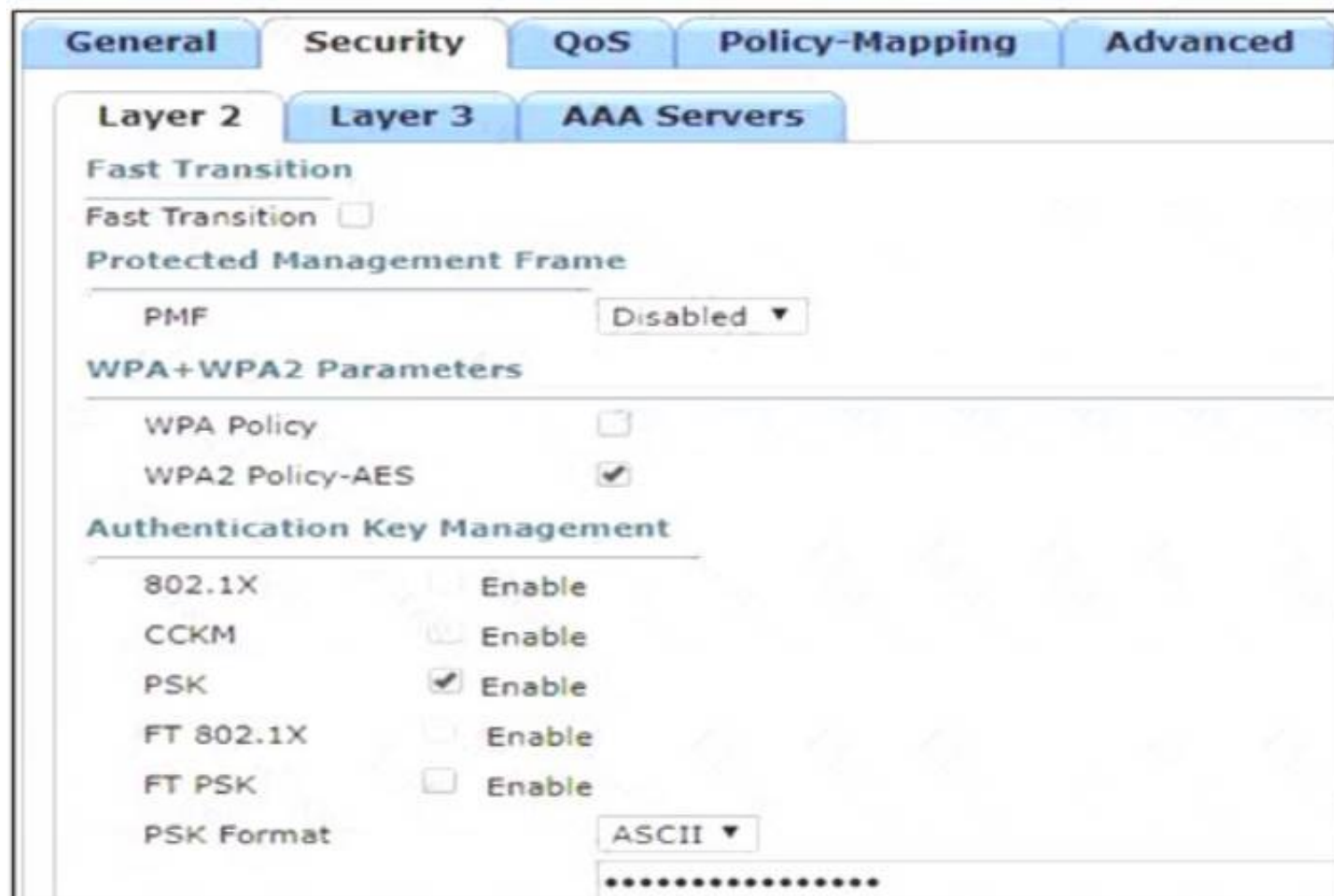
SwitchC(config)#interface port-channel 1
SwitchC(config-if)#switchport trunk allowed vlan remove 110

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

Answer: D

NEW QUESTION 74

Refer to the exhibit.



The image shows a Cisco configuration interface for WLAN security. The tabs at the top are General, Security, QoS, Policy-Mapping, and Advanced. Under the Security tab, there are sub-tabs for Layer 2, Layer 3, and AAA Servers. The Layer 2 sub-tab is selected. The configuration includes: Fast Transition (unchecked), Protected Management Frame (PMF) set to Disabled, WPA+WPA2 Parameters (WPA Policy unchecked, WPA2 Policy-AES checked), and Authentication Key Management (802.1X, CCKM, PSK, FT 802.1X, FT PSK, and PSK Format all set to Enable). The PSK Format is set to ASCII, and there is a password field with 10 dots.

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 79

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

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

Answer: C

NEW QUESTION 83

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 87

Which requirement for an Ansible-managed node is true?

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

Answer: A

NEW QUESTION 91

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 95

Refer to the exhibit.

```
PYTHON CODE.
import requests
import json

url="http://YOURIPins"
switchuser="USERID"
switchpassword="PASSWORD"

myheaders={"content-type": "application/json"}
payload={
  "ins_api": {
    "version": "1.0",
    "type": "cli_show",
    "chunk": "0",
    "sid": "1",
    "input": "show version",
    "output_format": "json"
  }
}
response = requests.post(url,data=json.dumps(payload), headers=myheaders,auth=(switchuser,switchpassword)) json()
print(response["ins_api"]["outputs"]["output"]["body"]["kickstart_ver_str"])

HTTP JSON Response
{
  "ins_api": {
    "type": "cli_show",
    "version": "1.0",
    "sid": "eoc",
    "outputs": {
      "output": {
        "input": "show version",
        "msg": "Success",
        "code": "200",
        "body": {
          "bios_ver_str": "07.61",
          "kickstart_ver_str": "7.0(3)I7(4)",
          "bios_cmpl_time": "04/06/2017",
          "kick_file_name": "bootflash://nxos.7.0.3.I7.4.bin",
          "kick_cmpl_time": "6/14/1970 2:00:00",
          "kick_tmstamp": "06/14/1970 09:49:04",
          "chassis_id": "Nexus9000 93180YC-FX chassis",
          "cpu_name": "Intel(R) Xeon(R) CPU @ 1.80GHz",
          "memory": 24633488,
          "mem_type": "kB",
          "tr_uscs": 134703,
          "tr_ctime": "Sun Mar 10 15:41:46 2019",
          "tr_reason": "Reset Requested by CLI command reload",
          "tr_sys_ver": "7.0(3)I7(4)",
          "tr_service": "",
          "manufacturer": "Cisco Systems, Inc.",
          "TABLE_package_list": {
            "ROW_package_list": {
              "package_id": []
            }
          }
        }
      }
    }
  }
}
```

Which HTTP JSON response does the python code output give?

- A. NameError: name 'json' is not defined
- B. KeyError 'kickstart_ver_str'
- C. 7.61
- D. 7.0(3)I7(4)

Answer: B

NEW QUESTION 97

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 99

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 104

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Answer: D

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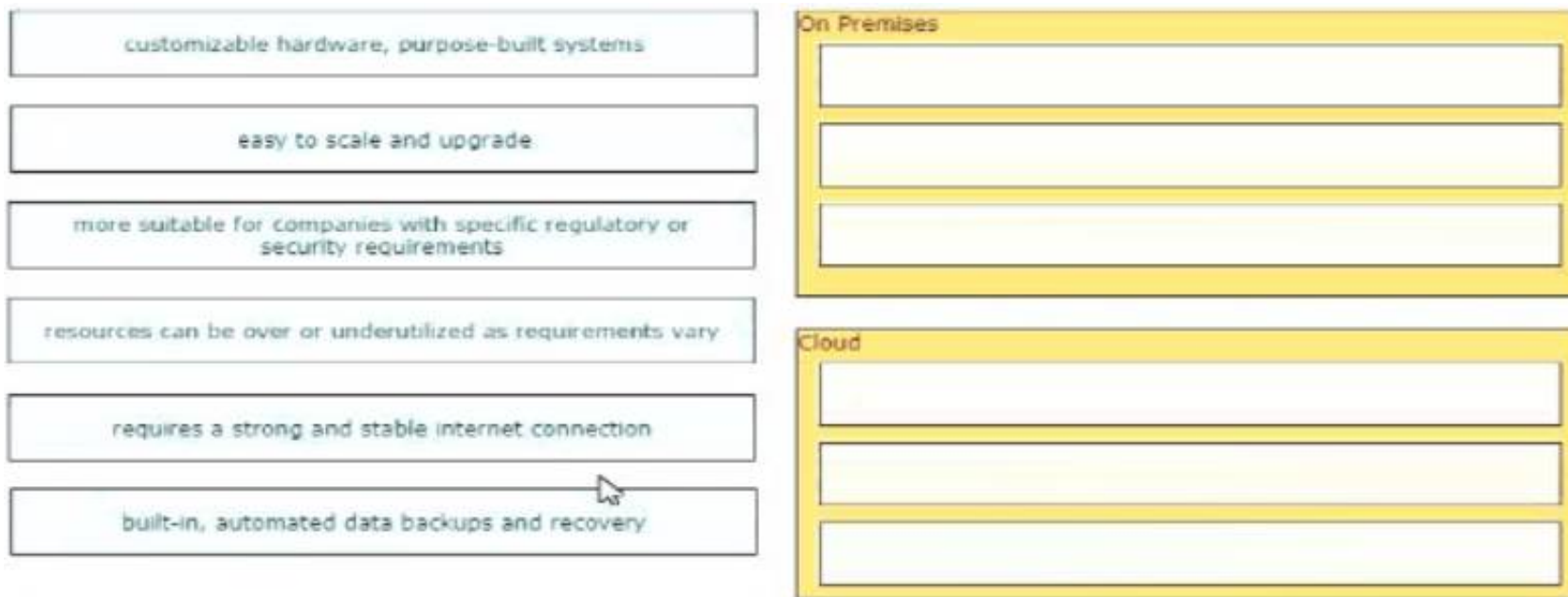
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- D. It is in FlexConnect mode and must be connected directly to the fabric edge switch.

Answer: C

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



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Answer: A

Explanation:

On premise: customizable,specific requirements,resources Cloud: scale, built-in automated backup, strong stable internet

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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

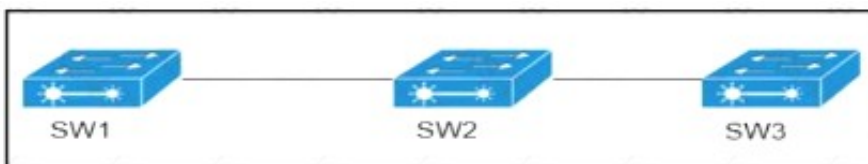
Which method does the enable secret password option use to encrypt device passwords?

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

Answer: D

NEW QUESTION 25

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 27

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 31

Which DNS lookup does an access point perform when attempting CAPWAP discovery?

- A. CISCO-DNA-CONTROLLER local
- B. CAPWAP-CONTROLLER local
- C. CISCO-CONTROLLER local
- D. CISCO-CAPWAP-CONTROLLER local

Answer: D

NEW QUESTION 33

What is a benefit of data modeling languages like YANG?

- A. They enable programmers to change or write their own application within the device operating system.
- B. They create more secure and efficient SNMP OIDs.
- C. They make the CLI simpler and more efficient.
- D. They provide a standardized data structure, which results in configuration scalability and consistency.

Answer: D

NEW QUESTION 34

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 37

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 41

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

- A. Permit 10.0.0.0.0.0.0.1
- 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 44

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 45

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 49

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 52

Which action is the vSmart controller responsible for in an SD-WAN deployment?

- A. onboard vEdge nodes into the SD-WAN fabric
- B. distribute security information for tunnel establishment between vEdge routers
- C. manage, maintain, and gather configuration and status for nodes within the SD-WAN fabric
- D. gather telemetry data from vEdge routers

Answer: B

NEW QUESTION 53

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 56

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 59

How does Cisco Trustsec enable more flexible access controls for dynamic networking environments and data centers?

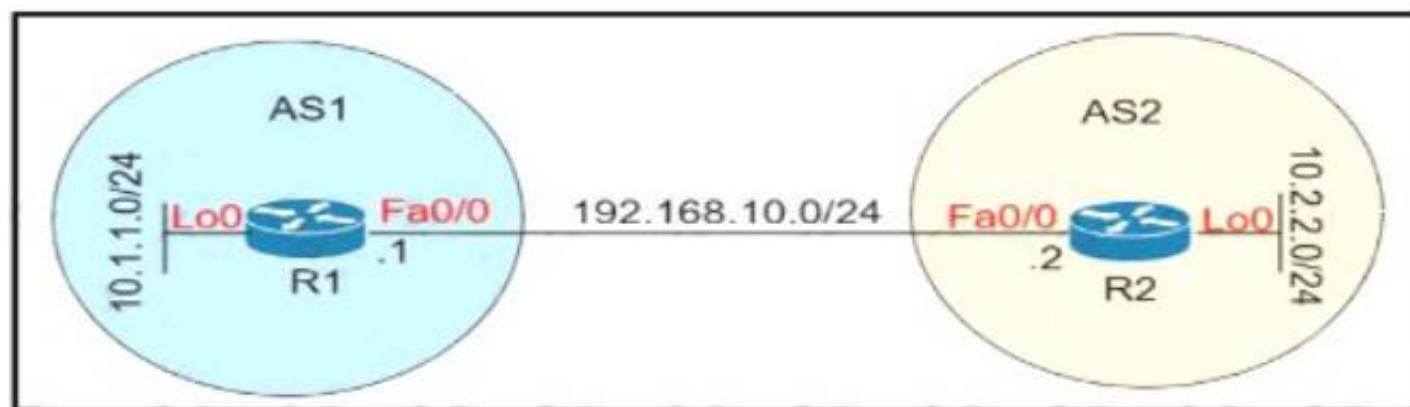
- A. uses flexible NetFlow
- B. assigns a VLAN to the endpoint
- C. classifies traffic based on the contextual identity of the endpoint rather than its IP address

D. classifies traffic based on advanced application recognition

Answer: C

NEW QUESTION 61

Refer to the exhibit.



Which configuration establishes EBGp neighborhood 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 65

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 68

Refer to the exhibit.

```
Extended IP access list EGRESS
10 permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
20 deny ip any any
```

An engineer must modify the access control list EGRESS to allow all IP traffic from subnet 10.1.10.0/24 to 10.1.2.0/24. The access control list is applied in the outbound direction on router interface GigabitEthernet 0/1. Which configuration commands can the engineer use to allow this traffic without disrupting existing traffic flows?

A)

```
config t
  ip access-list extended EGRESS
  permit ip 10.1.10.0 255.255.255.0 10.1.2.0 255.255.255.0
```

B)

```
config t
  ip access-list extended EGRESS
  5 permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

C)

```
config t
  ip access-list extended EGRESS2
  permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
  permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
  deny ip any any
!
interface g0/1
  no ip access-group EGRESS out
  ip access-group EGRESS2 out
```

D)

```
config t
  ip access-list extended EGRESS
  permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

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

Answer: B

NEW QUESTION 73

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)

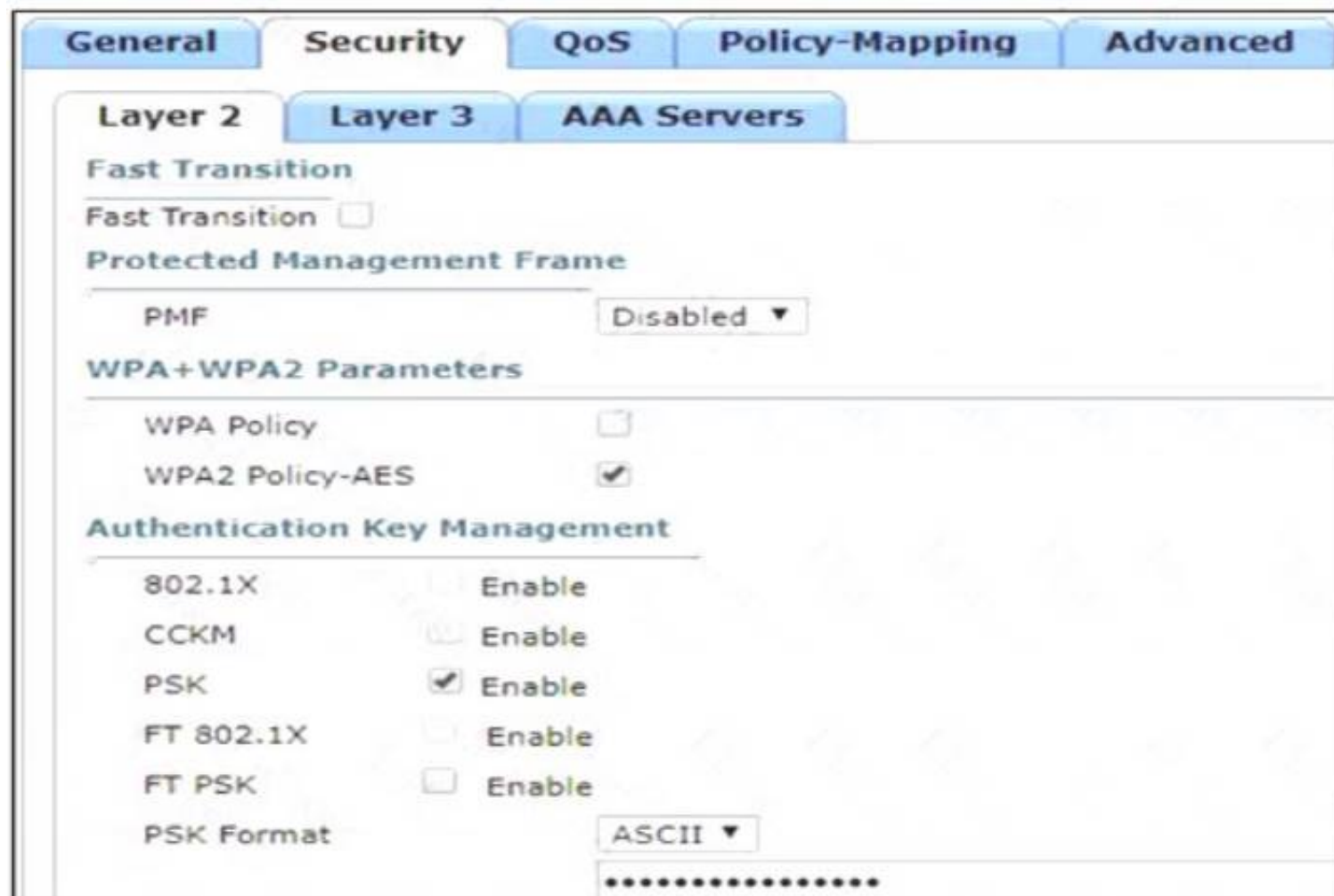
SwitchC(config)#interface port-channel 1
SwitchC(config-if)#switchport trunk allowed vlan remove 110

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

Answer: D

NEW QUESTION 74

Refer to the exhibit.



The image shows a Cisco configuration interface for WLAN security. The tabs at the top are General, Security, QoS, Policy-Mapping, and Advanced. Under the Security tab, there are sub-tabs for Layer 2, Layer 3, and AAA Servers. The Layer 2 sub-tab is selected. The configuration includes: Fast Transition (unchecked), Protected Management Frame (PMF) set to Disabled, WPA+WPA2 Parameters (WPA Policy unchecked, WPA2 Policy-AES checked), and Authentication Key Management (802.1X, CCKM, PSK, FT 802.1X, FT PSK, and PSK Format all set to Enable). The PSK Format is set to ASCII, and there is a password field with asterisks.

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 79

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

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

Answer: C

NEW QUESTION 83

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 87

Which requirement for an Ansible-managed node is true?

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

Answer: A

NEW QUESTION 91

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 95

Refer to the exhibit.

```
PYTHON CODE:
import requests
import json

url="http://YOURIPins"
switchuser="USERID"
switchpassword="PASSWORD"

myheaders={"content-type": "application/json"}
payload={
  "ins_api": {
    "version": "1.0",
    "type": "cli_show",
    "chunk": "0",
    "sid": "1",
    "input": "show version",
    "output_format": "json"
  }
}
response = requests.post(url,data=json.dumps(payload), headers=myheaders,auth=(switchuser,switchpassword)) json()
print(response["ins_api"]["outputs"]["output"]["body"]["kickstart_ver_str"])

HTTP JSON Response
{
  "ins_api": {
    "type": "cli_show",
    "version": "1.0",
    "sid": "eoc",
    "outputs": {
      "output": {
        "input": "show version",
        "msg": "Success",
        "code": "200",
        "body": {
          "bios_ver_str": "07.61",
          "kickstart_ver_str": "7.0(3)I7(4)",
          "bios_cmpl_time": "04/06/2017",
          "kick_file_name": "bootflash:///nxos.7.0.3.I7.4.bin",
          "kick_cmpl_time": "6/14/1970 2:00:00",
          "kick_tmstamp": "06/14/1970 09:49:04",
          "chassis_id": "Nexus9000 93180YC-FX chassis",
          "cpu_name": "Intel(R) Xeon(R) CPU @ 1.80GHz",
          "memory": 24633488,
          "mem_type": "kB",
          "tr_uscs": 134703,
          "tr_ctime": "Sun Mar 10 15:41:46 2019",
          "tr_reason": "Reset Requested by CLI command reload",
          "tr_sys_ver": "7.0(3)I7(4)",
          "tr_service": "",
          "manufacturer": "Cisco Systems, Inc.",
          "TABLE_package_list": {
            "ROW_package_list": {
              "package_id": []
            }
          }
        }
      }
    }
  }
}
```

Which HTTP JSON response does the python code output give?

- A. NameError: name 'json' is not defined
- B. KeyError 'kickstart_ver_str'
- C. 7.61
- D. 7.0(3)I7(4)

Answer: B

NEW QUESTION 97

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 99

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 104

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