

350-401 Dumps

Implementing and Operating Cisco Enterprise Network Core Technologies

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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

When configuration WPA2 Enterprise on a WLAN, which additional security component configuration is required?

- A. NTP server
- B. PKI server
- C. RADIUS server
- D. TACACS server

Answer: C

NEW QUESTION 4

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 5

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 6

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 7

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 8

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 9

A response code of 404 is received while using the REST API on Cisco UNA Center to POST to this URI.

/dna/intent/api/v1 /template-programmer/project

What does the code mean?

- A. The client made a request a resource that does not exist.
- B. The server has not implemented the functionality that is needed to fulfill the request.
- C. The request accepted for processing, but the processing was not completed.
- D. The POST/PUT request was fulfilled and a new resource was created, Information about the resource is in the response body.

Answer: A

NEW QUESTION 10

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 10

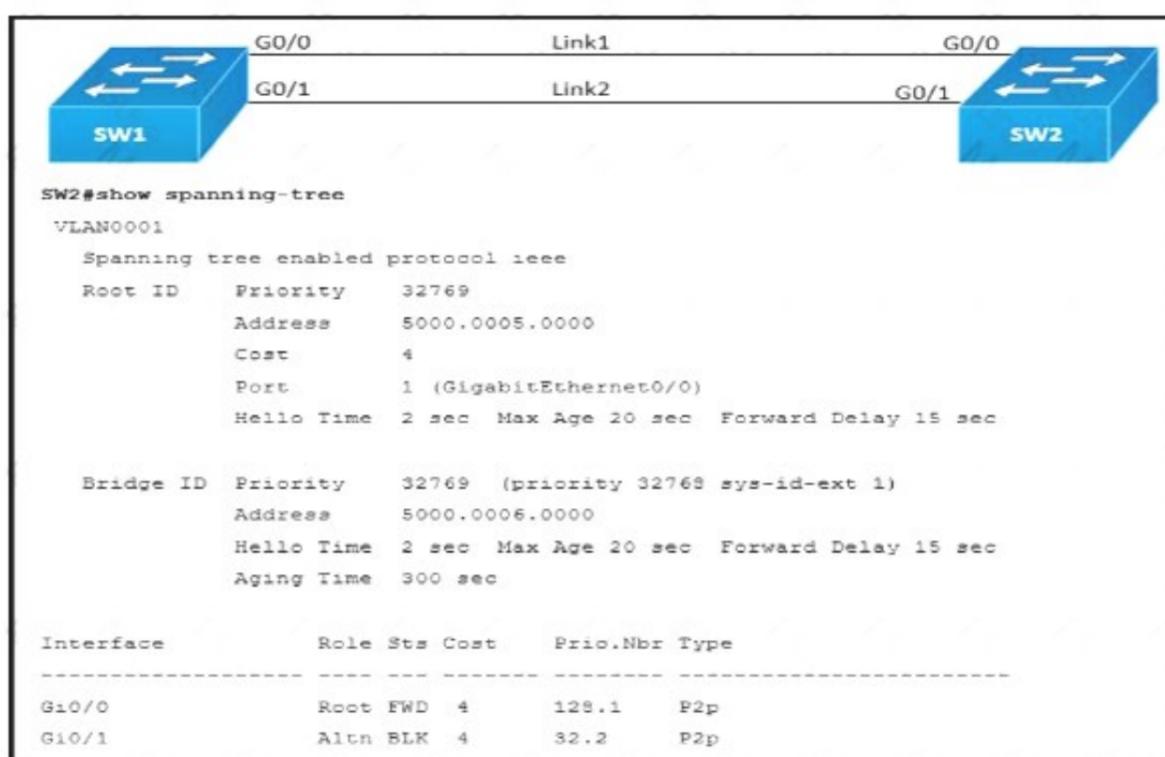
Which standard access control entry permits from odd-numbered hosts in the 10.0.0.0/24 subnet?

- A. Permit 10.0.0.0.0.0.1
- B. Permit 10.0.0.1.0.0.0
- C. Permit 10.0.0.1.0.0.0.254
- D. Permit 10.0.0.0.255.255.255.254

Answer: C

NEW QUESTION 11

Refer to the exhibit.



Link1 is a copper connection and Link2 is a fiber connection. The fiber port must be the primary port for all forwarding. The output of the show spanning-tree command on SW2 shows that the fiber port is blocked by spanning tree. An engineer enters the spanning- tree port-priority 32 command on GO/1 on SW2, but the port remains blocked. Which command should be entered on the ports that are connected to Link2 to resolve the issue?

- A. Enter spanning-tree port-priority 32 on SW1.
- B. Enter spanning-tree port-priority 224 on SW1.
- C. Enter spanning-tree port-priority 4 on SW2.
- D. Enter spanning-tree port-priority 64 on SW2.

Answer: A

NEW QUESTION 12

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 16

Refer to this output. What is the logging severity level?

R1#Feb 14 37:15:12:429: %LINEPROTO-5-UPDOWN Line protocol on interface GigabitEthernet0/1. Change state to up

- A. Notification
- B. Alert
- C. Critical
- D. Emergency

Answer: A

NEW QUESTION 20

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 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 24

Which technology provides a secure communication channel for all traffic at Layer 2 of the OSI model?

- A. MACsec
- B. IPsec
- C. SSL
- D. Cisco Trustsec

Answer: A

NEW QUESTION 28

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 32

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 36

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 37

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 38

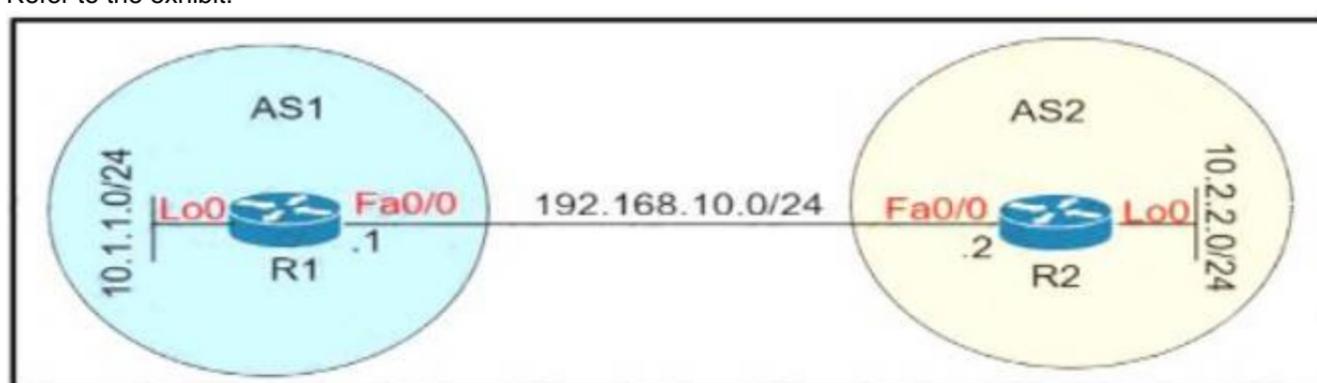
Which description of an SD-Access wireless network infrastructure deployment is true?

- A. The access point is part of the fabric underlay.
- B. The WLC is part of the fabric underlay.
- C. The access point is part the fabric overlay.
- D. The wireless client is part of the fabric overlay.

Answer: C

NEW QUESTION 42

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 45

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 46

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 47

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 51**

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 55**

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 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 60**

Refer to the exhibit.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> PYTHON CODE import requests import json  url="http://YOURIP/ins" 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"])         </pre> | <pre> HTTP JSON Response {   "ins_api": {     "type": "cli_show",     "version": "1.0",     "sid": "eoc",     "outputs": [       "output": {         "input": "show version",         "msg": "Success",         "code": "200",         "body": {           "baos_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",           "rr_usec": 134703,           "rr_ctime": "Sun Mar 10 15:41:46 2019",           "rr_reason": "Reset Requested by CLI command reload",           "rr_sys_ver": "7.0(3)I7(4)",           "rr_service": "",           "manufacturer": "Cisco Systems, Inc.",           "TABLE_package_list": {             "ROW_package_list": {               "package_id": []             }           }         }       }     ]   } }         </pre> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 63**

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 65**

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 70**

A client with IP address 209.16b.201.2b must access a web server on port 80 at 209.16b.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 72**

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