

200-301 Dumps

Cisco Certified Network Associate

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NEW QUESTION 1

When configuring IPv6 on an interface, which two IPv6 multicast groups are joined? (Choose two)

- A. 2000::/3
- B. 2002::5
- C. FC00::/7
- D. FF02::1
- E. FF02::2

Answer: DE

NEW QUESTION 2

What are two southbound APIs? (Choose two)

- A. OpenFlow
- B. NETCONF
- C. Thrift
- D. CORBA
- E. DSC

Answer: CD

NEW QUESTION 3

Which two capacities of Cisco DNA Center make it more extensible? (Choose two)

- A. adapters that support all families of Cisco IOS software
- B. SDKs that support interaction with third-party network equipment
- C. customized versions for small, medium, and large enterprises
- D. REST APIs that allow for external applications to interact natively with Cisco DNA Center
- E. modular design that is upgradable as needed

Answer: BD

NEW QUESTION 4

netmask	must be unique
OSPF process ID	
router ID	must match
IP address	
area ID	
timers	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 5

Refer to the exhibit.

```
ip arp inspection vlan 2
interface fastethernet 0/1
 switchport mode access
 switchport access vlan 2
```

What is the effect of this configuration?

- A. The switch port interface trust state becomes untrusted
- B. The switch port remains administratively down until the interface is connected to another switch
- C. Dynamic ARP inspection is disabled because the ARP ACL is missing
- D. The switch port remains down until it is configured to trust or untrust incoming packets

Answer: A

NEW QUESTION 6

A frame that enters a switch fails the Frame Check Sequence. Which two interface counters are incremented? (Choose two)

- A. runts
- B. giants
- C. frame
- D. CRC
- E. input errors

Answer: DE

NEW QUESTION 7

Which output displays a JSON data representation?

- {
 "response": {
 "taskId": {},
 "url": "string"
 }
 "version": "string"
}
- {
 "response": {
 "taskId": {};
 "url": "string"
 };
 "version": "string"
}
- {
 "response" - {
 "taskId" - {},
 "url" - "string"
 };
 "version" - "string"
}
- {
 "response": {
 "taskId": {},
 "url": "string"
 };
 "version": "string"
}

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

Answer: C

NEW QUESTION 8

What is the primary different between AAA authentication and authorization?

- A. Authentication verifies a username and password, and authorization handles the communication between the authentication agent and the user database.
- B. Authentication identifies a user who is attempting to access a system, and authorization validates the users password
- C. Authentication identifies and verifies a user who is attempting to access a system, and authorization controls the tasks the user can perform.
- D. Authentication controls the system processes a user can access and authorization logs the activities the user initiates

Answer: C

NEW QUESTION 9

An engineer must configure a /30 subnet between two routers. Which usable IP address and subnet mask combination meets this criteria?

- interface e0/0
description to HQ-A371:10975
ip address 172.16.1.4 255.255.255.248
- interface e0/0
description to HQ-A371:10975
ip address 10.2.1.3 255.255.255.252
- interface e0/0
description to HQ-A371:10975
ip address 192.168.1.1 255.255.255.248
- interface e0/0
description to HQ-A371:10975
ip address 209.165.201.2 255.255.255.252

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

Answer: C

NEW QUESTION 10

Which attribute does a router use to select the best path when two or more different routes to the same destination exist from two different routing protocols.

- A. dual algorithm
- B. metric
- C. administrative distance

D. hop count

Answer: D

NEW QUESTION 10

What are two reasons that cause late collisions to increment on an Ethernet interface? (Choose two)

- A. when the sending device waits 15 seconds before sending the frame again
- B. when the cable length limits are exceeded
- C. when one side of the connection is configured for half-duplex
- D. when Carrier Sense Multiple Access/Collision Detection is used
- E. when a collision occurs after the 32nd byte of a frame has been transmitted

Answer: CE

NEW QUESTION 11

What is the primary effect of the spanning-tree portfast command?

- A. it enables BPDU messages
- B. It minimizes spanning-tree convergence time
- C. It immediately puts the port into the forwarding state when the switch is reloaded
- D. It immediately enables the port in the listening state

Answer: A

NEW QUESTION 15

Refer to the exhibit.

```
R1# show ip route
D    192.168.16.0/26 [90/2679326] via 192.168.1.1
R    192.168.16.0/24 [120/3] via 192.168.1.2
O    192.168.16.0/21 [110/2] via 192.168.1.3
i L1 192.168.16.0/27 [115/30] via 192.168.1.4
```

Which route does R1 select for traffic that is destined to 192.168.16.2?

- A. A.-192.168.16.0/21
- B. 192.168.16.0/24
- C. 192.168.16.0/26
- D. 192.168.16.0/27

Answer: B

NEW QUESTION 16

Which IPv6 address block sends packets to a group address rather than a single address?

- A. 2000::/3
- B. FC00::/7
- C. FE80::/10
- D. FF00::/8

Answer: C

NEW QUESTION 17

Which two actions influence the EIGRP route selection process? (Choose two)

- A. The router calculates the reported distance by multiplying the delay on the exiting Interface by 256.
- B. The router calculates the best backup path to the destination route and assigns it as the feasible successor.
- C. The router calculates the feasible distance of all paths to the destination route
- D. The advertised distance is calculated by a downstream neighbor to inform the local router of the bandwidth on the link
- E. The router must use the advertised distance as the metric for any given route

Answer: AD

NEW QUESTION 19

Which command is used to specify the delay time in seconds for LLDP to initialize on any interface?

- A. lldp timer
- B. lldp holdtimt
- C. lldp reinit
- D. lldp tlv-select

Answer: D

NEW QUESTION 24

An engineer configured an OSPF neighbor as a designated router. Which state verifies the designated router is in the proper mode?

- A. Exchange
- B. 2-way
- C. Full
- D. Init

Answer: B

NEW QUESTION 26

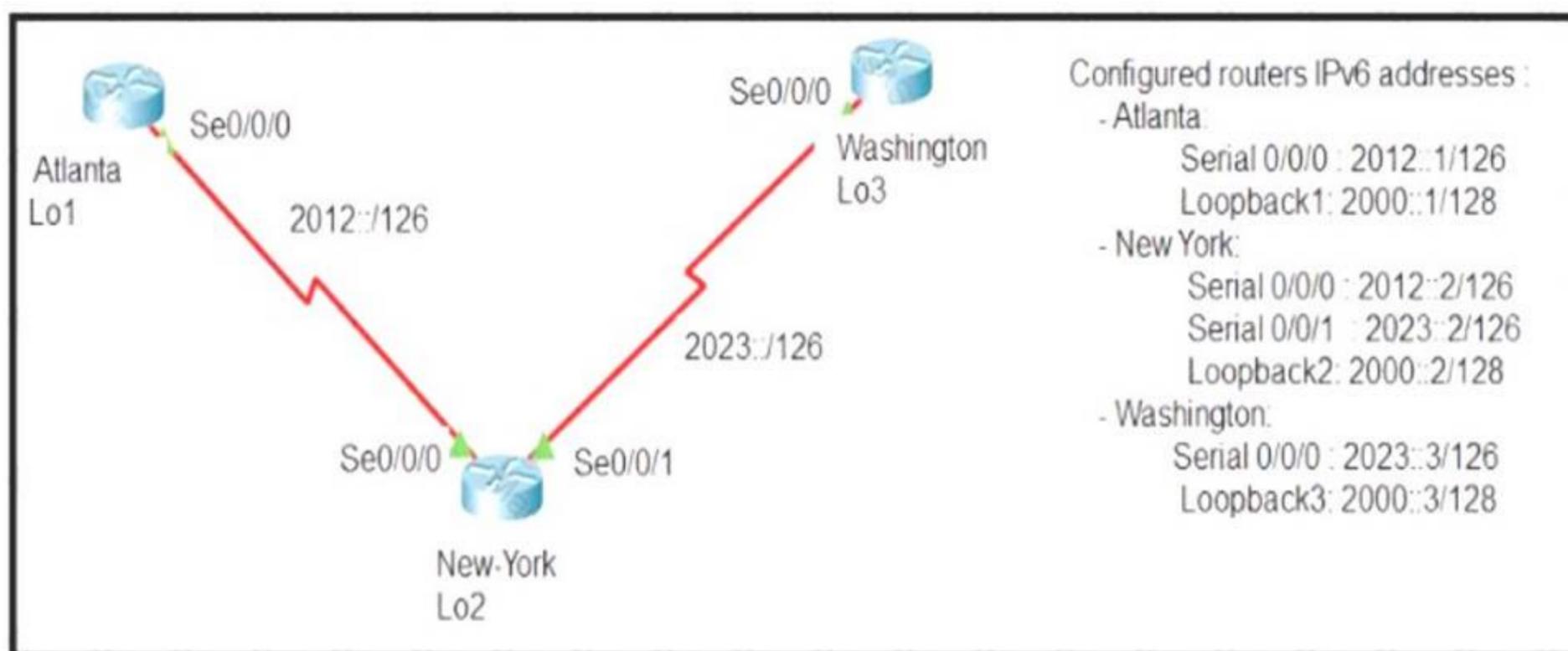
Which feature on the Cisco Wireless LAN Controller when enabled restricts management access from specific networks?

- A. CPUACL
- B. TACACS
- C. Flex ACL
- D. RADIUS

Answer: B

NEW QUESTION 30

Refer to the exhibit.



The New York router is configured with static routes pointing to the Atlanta and Washington sites. Which two tasks must be performed so that the Serial0/0/0 interfaces on the Atlanta and Washington routers can reach one another? (Choose two.)

- A. Configure the ipv6 route 2012::/126 2023::1 command on the Washington router
- B. Configure the ipv6 route 2023::/126 2012::1 command on the Atlanta router.
- C. Configure the ipv6 route 2012::/126 s0/0/0 command on the Atlanta router
- D. Configure the ipv6 route 2023::/126 2012::2 command on the Atlanta router
- E. Configure the ipv6 route 2012::/126 2023::2 command on the Washington router

Answer: CE

NEW QUESTION 31

An engineer must configure a WLAN using the strongest encryption type for WPA2- PSK. Which cipher fulfills the configuration requirement?

- A. WEP
- B. RC4
- C. AES
- D. TKIP

Answer: D

NEW QUESTION 34

Which statement about Link Aggregation when implemented on a Cisco Wireless LAN Controller is true?

- A. To pass client traffic two or more ports must be configured.
- B. The EtherChannel must be configured in "mode active"
- C. When enabled the WLC bandwidth drops to 500 Mbps
- D. One functional physical port is needed to pass client traffic

Answer: C

NEW QUESTION 35

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