

# 400-201<sup>Q&As</sup>

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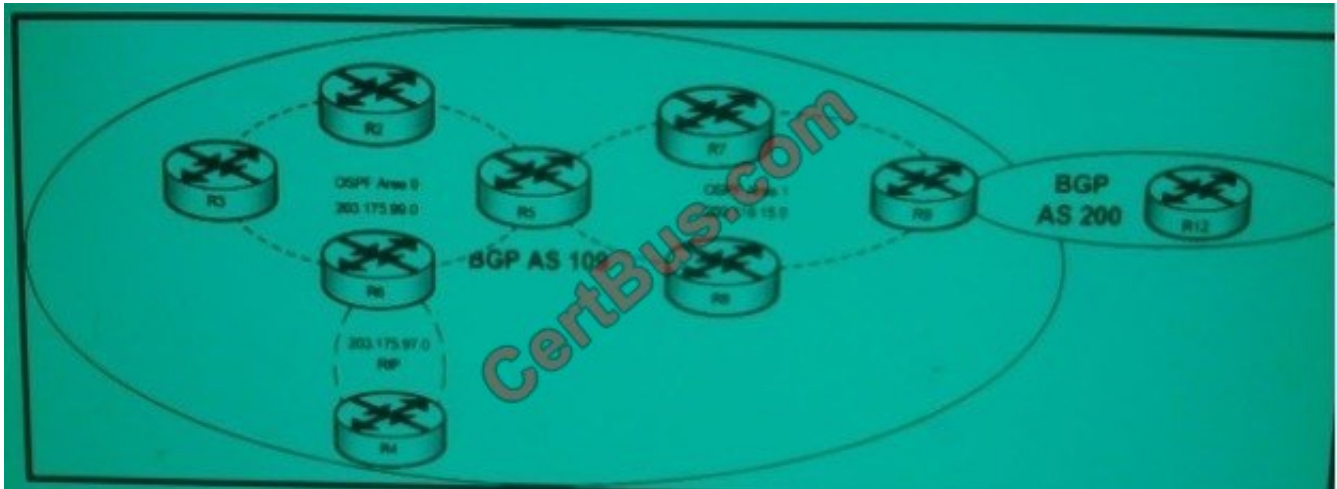
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**QUESTION 1**



Refer to the exhibit. Which command can be issued on R9 so that R12 receives all its internal and external OSPF routes inside the R12 BGP table?

- A. redistribute ospf 1 internal external 1 external 2
- B. redistribute ospf 1 match nssa-external 1 nssa-external 2
- C. redistribute ospf 1 internal nssa-external 1 nssa-external 2
- D. redistribute ospf 1 match internal external 1 external 2

Correct Answer: D

**QUESTION 2**

A service provider is implementing an nV Edge system with the two ASR 9000 chassis has two RSPs. Which two cabling methods reflect the minimum configuration needed for full synchronization between the two Cisco ASR 9000 chassis? (Choose two)

- A. Create the single virtual control plane that connect the two RSPs between the two chassis via Layer 2 connections
- B. Create the IRL connections between the two chassis via Layer 3 connections using the EOBC 10 Gbps ports of the RSPs
- C. Create the IRL connections between the two chassis via Layer 3 connections using the ports of the line cards
- D. Create the single virtual control plane that connect the two chassis via Layer 3 connections using the 10 Gbps ports of the line cards
- E. Create the IRL connections between the two chassis via Layer 1 connections using the 10 Gbps ports of the line cards
- F. Create the single virtual control plane that connect the two chassis via 100 Gbps bundle interfaces

G. Create the IRL connections between the two chassis via Layer 1 connections using the EOBC 10 Gbps ports of the RSPs

Correct Answer: AE

### QUESTION 3

What is the port number of an IPsec Encapsulating Security Payload packet? (ESP)

- A. IP protocol 51
- B. UDP port 50
- C. Ip protocol 50
- D. TCP Port 50
- E. UDP port 51
- F. TCP port 51

Correct Answer: C

### QUESTION 4

```
RP/0/RSP0/CP00:router# show ptp interfaces GigabitEthernet0/1/0/3

GigabitEthernet0/1/0/3 is in UNCALIBRATED state
PTP port number: 4
IPv4 transport: IPv4 address 5.4.3.3
Linestate: Up
Mechanism: Two-step delay-request-response, Slave-only
  Sync rate: 2 per second
  Announce rate: 2 per second, timeout 4
  Delay-Req interval: 4 per second
CoS: 5, DSCP: 23
Platform capabilities
Supported:    0x1: 100, Ethernet, Multicast, Slave
Not-Supported: 0x0: 0
Max-Sync-rate: 2 per second
Master table:
(K = Known, Q = Qualified, GM = Grandmaster)
IPv4 address 5.4.3.3: priority 5, multicast, K,Q,GM
IPv4 address 5.4.3.4: priority not set
MAC-address 12ab.7431.327c: priority 3, K
Slave state only
```

Refer to the exhibit. a network engineer is troubleshooting PTP on the Cisco ASR 9000 router. what can be concluded about the interface based on output provided ?

- A. The interface is aware of a better clock than the one it would advertise if it was in master state.

- B. the interface is about to go into master state
- C. the interface receives times stamps from a master clock, but the routers clock is not yet synchronized to the master
- D. the interface is not yet ready to participate on PTP

Correct Answer: C

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#### QUESTION 5

What is true regarding Autonomous Systems (AS)?

- A. All of the Above
- B. AS numbers are assigned by the IANA
- C. AS numbers are used by BGP (Border Gateway protocol to exchange IP routing information with neighboring AS
- D. In the internet, an Autonomous System (AS) is a collection of IP networks and routers under the control

Correct Answer: A

---

#### QUESTION 6

Which protocol is used to establish LSP tunnels, enabling resource allocation such as bandwidth along the path?

- A. LDP
- B. RSVP
- C. TDP
- D. IPsec

Correct Answer: B

---

#### QUESTION 7

Drag and drop the service provider MPLS core component on the left onto the matching functionality on the right.

Select and Place:

|                       |   |
|-----------------------|---|
| MP-BGP address family | Label distribution protocol and handles the signalling plane for MPLS-TE                            |
| RSVP                  | Label distribution protocol and can be used to transport VPN traffic between Provider Edge routers. |
| LDP                   | Label distribution protocol and can provide overlay transit to L2 frames within the MPLS network.   |
| IS-IS                 | Routing protocol that includes special extension to support MPLS TE signalling.                     |

Correct Answer:

|                      |                       |
|----------------------|-----------------------|
| <input type="text"/> | RSVP                  |
| <input type="text"/> | MP-BGP address family |
| <input type="text"/> | LDP                   |
| <input type="text"/> | IS-IS                 |

**QUESTION 8**

Which three options are functions of the Cisco Service Control Engine? (Choose three.)

- A. intelligent inspection and control of IP packets
- B. application of session-level bandwidth shaping
- C. provisioning of access aggregation
- D. per-subscriber bandwidth management
- E. Implementation of VPN services

Correct Answer: ABD

**QUESTION 9**

Which statement about OSPFv3 is true?

- A. OSPFv3 runs on per subnet basis instead of per-link.
- B. OSPFv3 instance ID is only locally significant.
- C. OSPFv3 authentication is performed using the authentication field in the OSPFv3 packet header.
- D. OSPFv3 neighbor discovery messages can be sourced only from link-local addresses.

Correct Answer: D

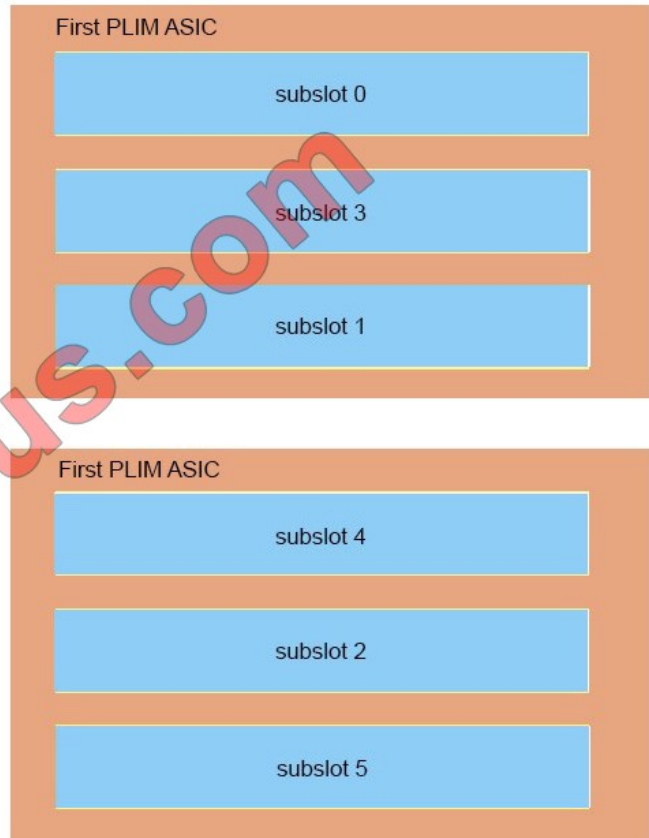
**QUESTION 10**

Drag and drop the subslot of the SIP-800 card that is used on Cisco CRS routers on the left to the correct PUM ASIC process on the right.

Select and Place:

The interface shows six blue boxes on the left, each labeled 'subslot 0' through 'subslot 5'. On the right, there are two orange boxes, each labeled 'First PLIM ASIC' and containing three yellow slots. A large watermark 'CertBus.com' is overlaid across the center.

Correct Answer:



**QUESTION 11**

Drag the T1 parameters on the left to the corresponding category on the right. Not all options are used.

Select and Place:

Drag the T1 parameters on the left to the corresponding category on the right. Not all options are used.

|      |                |
|------|----------------|
| B6ZS | T1 Framing     |
| SF   |                |
| B3ZS |                |
| B8ZS | T1 Line Coding |
| AMI  |                |
| CBIT |                |
| E&F  |                |

Correct Answer:

Drag the T1 parameters on the left to the corresponding category on the right. Not all options are used.

|      |                |
|------|----------------|
| B6ZS | T1 Framing     |
|      |                |
| B3ZS | SF             |
|      | ESF            |
|      | T1 Line Coding |
|      |                |
| CBIT | B8ZS           |
|      | AMI            |

### QUESTION 12

Which option is the main goal of the OSPF SPF Prefix Prioritization feature?

- A. to provide capability of computing a network path or route based on a network graph and applying computational constraints for traffic engineering
- B. to only prioritize host prefixes to be installed into the RIB during SPF calculations, /32 for IPv4 and /128 for IPv6
- C. to provide fast rerouting capability by using IP forwarding and routing
- D. to provide ability of prioritizing important prefixes to be installed into the RIB during SPF calculations

Correct Answer: D

Reference: [https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k\\_r4-2/routing/configuration/guide/b\\_routing\\_cg42asr9k/b\\_routing\\_cg42asr9k\\_chapter\\_011.html](https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k_r4-2/routing/configuration/guide/b_routing_cg42asr9k/b_routing_cg42asr9k_chapter_011.html)

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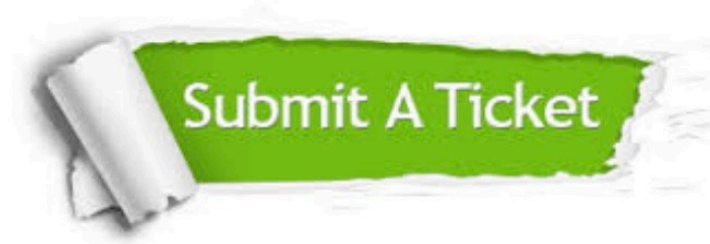
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