



# Juniper

**JN0-1362**

**Service Provider Design - Specialist (JNCDS-SP)**

**QUESTION & ANSWERS**

### Question: 1

You are designing an MPLS-based network overlay for your environment that use either LDP or RSVP-signated LSPs. Which two statements are true about these two signaling technologies (Choose two.)  
Which two statements are true about these two signaling technologies? (Choose two.)

- A. RSVP requires the traffic engineering database (TED) to find the best path across the network.
- B. LDP uses EROs to influence the path of an LSP and enable traffic engineering.
- C. LDP leverages the IGP to find the best path across the network.
- D. RSVP enables an administrator to configure different traffic types to take different paths across the MPLS network.

**Answer: C,D**

### Question: 2

What are two high availability solution for routers with a single Routing Engine? (Choose two.)

- A. VRRP
- B. Non-stop active routing
- C. Graceful restart
- D. GRES

**Answer: A,D**

### Explanation/Reference:

<https://www.juniper.net/documentation/us/en/software/junos/high-availability/topics/concept/high-availability-features-in-junos-introducing.html>

### Question: 3

You work for a service provider that currently uses a full mesh of IBGP peers to share EBGP routes. You are concerned about future scalability with this model and have decided to use route reflectors to overcome the scale limitations associated with the full mesh model.  
In this scenario, which statement is true?

- A. Route reflectors readvertise both the active and backup routes
- B. Cluster IDs must be configured on all IBGP peers.
- C. Private autonomous system numbers must be configured on all IBGP peers.

D. Route reflectors do not change existing IBGP next hops by default.

**Answer: C**

#### **Question: 4**

You are creating a WAN solution design for an enterprise customer. The customer will be connecting three sites in different locations. The customer wants all of the sites to be part of the same Layer 2 network.

In this scenario, what are two valid connection methods that you would provide in your design? (Choose two.)

- A. Internet WAN
- B. Layer 3 VPN
- C. Layer 2 VPN
- D. VPLS

**Answer: A,C**

#### **Question: 5**

As a service provider network engineer, you are asked by management design a Layer 2 VPN product with a "five nines" SLA.

Which mechanism will address this requirement?

- A. VRRP
- B. EVPN LAG
- C. GRES
- D. SyncE

**Answer: A**

#### **Question: 6**

What are two ways to provide redundancy in a WAN design to address physical failures? (Choose two.)

- A. Select products that use MC-LAG.
- B. Select products with different types of MICs.
- C. Select products that use multiple Routing Engines.
- D. Select products with different versions of firmware.

**Answer: B,D**

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### **Question: 7**

Your customer wants to enable their MX Series core so that a controller can dynamically manage their LSPs. Which protocol provides this capability?

- A. BGP-LU
- B. PCEP
- C. PCRF
- D. BGP-LS

**Answer: B**

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### **Question: 8**

You are receiving the same routes from two different equal-cost EBGP peers. Instead of choosing one single best path, you want to design your network to accept both routes and load-balance between them. Which BGP concept would you use to facilitate this request?

- A. next-hop self
- B. multi-hop
- C. addpath
- D. multipath

**Answer: D**