

## Exam Questions JN0-663

Service Provider Routing and Switching Professional (JNCIP-SP)

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#### NEW QUESTION 1

Which two statements are correct about Opaque LSAs in OSPF? (Choose two )

- A. Type 9 LSAs are used for graceful-restart and have link-local scope
- B. Type 11 LSAs are used for MPLS label exchange and have link-local scope
- C. Type 10 LSAs are used for MPLS traffic-engineering and have area scope.
- D. Type 11 LSAs are used for MPLS traffic-engineering and have area scope

**Answer:** AB

#### NEW QUESTION 2

Exhibit.

Referring to the exhibit, which OSPFv3 configuration is implemented on router R1?

- A)
- B)
- C)
- D)

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

**Answer:** B

#### NEW QUESTION 3

Exhibit.

You are using EVPN to provide Layer 2 stretched VLANs between two sites You notice that the MAC addresses in either site are not showing up on the remote site.

Referring to the exhibit, what are two ways to solve this problem? (Choose two )

- A. On R1, issue the `sec 3wicch-cpt::cr.3 vrf-target target: 65101:22030` Command
- B. On R2 issue the `set protocols evpn vni-options vni 22030` command
- C. On R1, issue the `set protocols evpn vni-options vni 22030 vrf-target target:65101:22030` command
- D. On R2, issue the `set switch-options vrf-target target: 65101:22030` command

**Answer:** AD

#### NEW QUESTION 4

Exhibit:

You are troubleshooting BGP routing issues between two MX Series routers. The BGP session is established but no BGP routes are being communicated. What are two reasons for this problem? (Choose two.)

- A. The peer type should be external.
- B. No active BGP routes are in the inet.0 table
- C. No export routing policy is applied.
- D. The peers are in different ASs.

**Answer:** BC

#### NEW QUESTION 5

You have a mixed vendor EVPN environment and you need to ensure VXLAN interoperability between all devices In this scenario which statement is correct?

- A. You should only use Type 6 and Type 2 routes
- B. You should only use pure Type 2 routes
- C. You should only use Type 2 and Type 5 routes.
- D. You should only use pure Type 5 routes

**Answer:** C

#### NEW QUESTION 6

Exhibit.

You have the LDP signaled VPLS topology as shown in the exhibit CE-B at Site-2 is multihomed to both PE-2 and PE-3 In this scenario where would you configure loop prevention?

- A. PE-2
- B. PE-3
- C. CE-B
- D. PE-1

**Answer:** D

#### NEW QUESTION 7

Exhibit.

Your router should be configured with a rewrite rule which alters the default behavior of expedited forwarding as shown in the exhibit In this scenario which configuration is correct?

A)

B)

C)

D)

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

**Answer:** C

#### NEW QUESTION 8

Exhibit:

Referring to the exhibit, the local BGP router is receiving IPv4 routes from the BGP neighbor, but it is not receiving L3 VPN routes from the BGP neighbor. Which two actions should you take to solve this problem? (Choose two.)

- A. Configure the family inet-vpn unicast statement on the local BGP router.
- B. Configure the family inet unicast statement on the local BGP router.
- C. Configure the family inet unicast statement on the BGP neighbor
- D. Configure the family inet-vpn unicast statement on the BGP neighbor.

**Answer:** AD

#### NEW QUESTION 9

Exhibit.

You are troubleshooting a problem with a BGP peer where BGP routes are not being accepted from that peer Referring to the exhibit, which two statements are correct\*? (Choose two )

- A. Term 0 is missing a terminating action that allows BGP routes to be accepted

- B. You cannot have terminating actions outside of terms.
- C. The reject at the end of the policy is preventing the routes from being accepted.
- D. Term 0 is missing a route-fitter that specifies the allowed routes

**Answer:** BC

#### NEW QUESTION 10

Referring to the exhibit, which two statements are true? (Choose two.)

- A. This router is an ABR
- B. This router is an ASBR.
- C. There are two interfaces marked as passive.
- D. There is one interface marked as passive.

**Answer:** BC

#### NEW QUESTION 10

Exhibit:

All networks shown in the exhibit contain more than one BGP speaker You operate ISP A and must ensure that Customer Y sends their traffic to you over the directly connected link. Customer Y is not to be used for transit into your network. What would you do to accomplish this task?

- A. Advertise routes to Customer Y with the custom defined 65535:65535 community.
- B. Advertise routes to Customer Y with the well-known no-export community
- C. Advertise routes to Customer X with the well-known no-advertise community.
- D. Advertise routes to Customer X with the custom defined 0:0 community

**Answer:** B

#### NEW QUESTION 13

You are creating a new LDP signaled Layer 2 circuit between three customer sites. In this scenario, which two statements are correct? (Choose two.)

- A. LDP is used to exchange the virtual circuit labels with other PEs.
- B. You are allowed to tunnel your LDP sessions through RSVP LSPs.
- C. You are not allowed to use any RSVP-signaled LSPs in your core network.
- D. BGP is used to exchange the virtual circuit labels with other PEs.

**Answer:** AB

#### NEW QUESTION 15

Exhibit:

You are receiving the same 200.0.0.0/24 BGP route from four different ISPs. Referring to the exhibit, which ISP's route would be selected as active?

- A. ISP-A

- B. ISP-B
- C. ISP-C
- D. ISP-D

**Answer:** D

#### NEW QUESTION 20

Which two types of LSAs have an area scope? (Choose two)

- A. Type5
- B. Type 2
- C. Type 7
- D. Type 11

**Answer:** BD

#### NEW QUESTION 23

You want to allow the load balancing of traffic for an EBGp route from two different peers in the same AS. Which three actions are needed to accomplish this task? (Choose three.)

- A. A policy to load-balance traffic should be applied to the forwarding table
- B. At least two interfaces should be connected to the same EBGp neighbor
- C. The multihop parameter should be configured under protocols BGP
- D. The multipath parameter should be configured under protocols BGP
- E. An equal cost AS path for the route is required.

**Answer:** ADE

#### NEW QUESTION 24

You are configuring a BGP signaled Layer 2 VPN across your MPLS enabled core network. In this scenario, which statement is correct?

- A. You must ensure that all interfaces within the site's configuration are explicitly defined with their remote site identifier values.
- B. This type of VPN requires the support of the I2vpn signaling NLRI on all route reflectors and participating PE devices.
- C. You must use a unique route distinguisher value on all PE devices in your environment.
- D. This type of VPN is only supported over LSPs that are using traffic-engineering.

**Answer:** B

#### NEW QUESTION 25

Exhibit:

You have a Layer 3 VPN established between PE-1 and PE-2 as well as between PE-1 and PE-3. You are using a route reflector (RR-1) to distribute VPN routes to your IBGP peers. You are asked to ensure that only relevant routes are sent from RR-1 to each of the PE routers. Referring to the exhibit, which statement is correct?

- A. You should use VRF export policies on RR-1 to control which routes are sent to each PE router.
- B. You should use route target filtering on RR-1 and all the PE devices to control which routes are sent to each PE router.
- C. You should use firewall filtering on RR-1 and all the PE devices to control which routes are sent to each PE router.
- D. You should use route target filtering only on RR-1 to control which routes are sent to each PE router.

**Answer:** D

#### NEW QUESTION 30

Exhibit:

The exhibit shows a BGP peering session for two PE routers. The BGP session is up, but the hosts in the Layer 2 VPN that uses the BGP session are unable to communicate.

What is the problem in this situation?

- A. The BGP peer does not support the restarter functionality.
- B. The local BGP router does not support Layer 2 VPN and Layer 3 VPN NLRI address families at the same time.
- C. There is a mismatch in the supported NLRI address families between the BGP peers.
- D. The BGP peer does not support the add-path feature.

**Answer:** C

#### NEW QUESTION 33

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