



Juniper

Exam Questions JN0-663

Service Provider Routing and Switching Professional (JNCIP-SP)

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NEW QUESTION 1

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 `sec 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 2

What is the purpose of the `cluster-list` attribute within a BGP route reflector group?

- A. to disable internal cluster re-advertisements
- B. to define the router that first advertised the route to the route reflector
- C. to override the router ID value within the cluster
- D. to facilitate loop detection within the route reflector network

Answer: D

NEW QUESTION 3

Which two statements about wide and narrow metrics used in IS-IS are correct? (Choose two.)

- A. Wide metrics are sent by default and use 24 bits in TLVs to send information
- B. Narrow metrics are enabled by default and use 8 bits in TLVs to send information
- C. Disabling narrow metrics results in external routes being leaked from L1 to L2 areas automatically
- D. Wide metrics are enabled with the `wide-metrics-or-ly` parameter under protocols IS-IS hierarchy.

Answer: BC

NEW QUESTION 4

Exhibit:

Referring to the exhibit, a Layer 3 VPN is configured, however, the routes are being hidden. What is the problem?

- A. A route distinguisher mismatch exists between the peers.
- B. A VRF target community mismatch exists between the peers.
- C. The BGP peer is not reachable through the IGP.
- D. An active MPLS tunnel does not exist between the peers.

Answer: D

NEW QUESTION 5

Exhibit:

R4 is directly connected to both RPs (R2 and R3). R4 is currently sending all joins upstream to R3 but you want to load balance the joins between both RPs. Referring to the exhibit, which configuration change will solve this issue?

- A. Configure the `group-range` parameter to be the same on R2 and R3.
- B. Configure the `bootstrap priority` on R2 to be the same as R3.
- C. Configure the default route in `inet.2` on R4 from R3 as the next hop to both R3 and R2.
- D. Configure the `join-load-balance` parameter under PIM on R4.

Answer: D

NEW QUESTION 6

Exhibit.

You are the administrator of AS 65512. You are learning the 192.168.1.0/24 prefix from both AS 100 and AS 200. You want traffic destined to the 192.168.1.0/24 prefix to exit your AS towards AS 200.

How would you accomplish this task?

- A. Configure an import routing policy on PE-2 to modify the origin attribute on the path learned from AS 100
- B. Configure an import routing policy on PE-2 to append the AS path attribute on the path learned from AS 100
- C. Configure an import routing policy on PE-2 to set a higher MED on the path learned from AS 100
- D. Configure an import routing policy on PE-2 to set a higher local preference value on the path learned from AS 200

Answer: D

NEW QUESTION 7

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 8

Which statement is correct about BGP FlowSpec between a service provider's PE router and a customer?

- A. The NLRI received from a customer is stored in the flowspe
- B. inet .0 table.
- C. The RFC deterministic traffic filtering algorithm is used by default in Junos.
- D. The flow routes received from a customer are limited to /32 masks for IPv4.
- E. The NLRI received from a customer is stored in the inetflow.0 table

Answer: D

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:

Referring to the exhibit, you want to make ISP1 your preferred connection for inbound and outbound traffic. Which two steps will accomplish this task? (Choose two.)

- A. Create an export policy to prepend the ASN on advertised routes and apply it to the EBGp peer on R1.
- B. Create an export policy setting local-preference 200 and next-hop self and apply it to the IBGP peers on R1.
- C. Create an export policy to prepend the ASN on advertised routes and apply it to the EBGp peer on R2.
- D. Create an export policy setting local-preference 200 and next-hop self and apply it to the IBGP peers on R2.

Answer: BC

NEW QUESTION 13

What information is stored in a VRF table for a BGP Layer 2 VPN? (Choose three.)

- A. remote interface of local CE device
- B. Layer 2 encapsulation
- C. logical interface provisioned to local CE device local site ID
- D. label-switched path

Answer: BCD

NEW QUESTION 15

Exhibit:

Referring to the exhibit, traffic sent from CE-A2 to PE3 does not loop back to CE-A2 through PE2. Which two EVPN functions accomplish this task? (Choose two.)

- A. split horizon
- B. aliasing
- C. multicast ingress replication
- D. designated forwarder election

Answer: AD

NEW QUESTION 18

Exhibit:

You must configure an OSPF virtual link to facilitate communication between Area 0 and Area 20.

Referring to the exhibit, which two addresses should you use as the neighbor IDs of the virtual link endpoints? (Choose two.)

- A. The address that is associated with R2's router ID.
- B. The address that is associated with R4's router ID.
- C. The address that is associated with R2's xe-1/2/0 interface.
- D. The address that is associated with R4's xe-0/0/1 interface.

Answer: AB

NEW QUESTION 22

Why do interprovider option B VPNs scale better than interprovider option A VPNs?

- A. The ASBRs in interprovider option B VPNs only carry internal routes.
- B. The ASBRs in interprovider option A VPNs do not need per-VPN VRF tables.
- C. The ASBRs in interprovider option A VPNs only carry internal routes.
- D. The ASBRs in interprovider option B VPNs do not need per-VPN VRF tables.

Answer: D

NEW QUESTION 26

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 29

Exhibit:

Referring to the exhibit, which two statements about route reflectors are correct? (Choose two.)

- A. RR2 adds its cluster ID when advertising routes from CHent4 to Client3.
- B. RR2 advertises routes learned from Client3 to EBGp2 with itself as the next hop.
- C. RR1 advertises routes learned from Client1 to RR2 with itself as the next hop.
- D. RR1 and RR2 need the same cluster ID to exchange routes learned from their clients.

Answer: AB

NEW QUESTION 32

Exhibit.

R2 has IS-IS adjacencies with R3 and R4 You want to ensure that R2 has both a level 1 and level 2 adjacency to both R3 and R4 but R2 only has one adjacency with R4.

Referring to the exhibit, which configuration change will solve this issue?

- A. Change the IS-IS area on R2 to match R4.
- B. Change the IS-IS area on R4 to match R2
- C. Remove the level 1 disable configuration from R4
- D. Remove the level 1 disable configuration from R2

Answer: B

NEW QUESTION 37

Exhibit.

A network designer wants to ensure that traffic from R2 destined for 2001 db9:ffff:ff00. '62 always traverses the R2-R1 link if that link is available

Referring to the exhibit, which configuration change will satisfy this requirement?

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

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

Answer: C

NEW QUESTION 38

Exhibit:

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

- A. An AS loop will not exist between CE-1 and CE-2 and the BGP routes will be shared.
- B. The CE-1 and CE-2 routes will have the same route distinguisher, which will stop the BGP routes from being shared.
- C. An AS loop will exist between CE-1 and CE-2 and the BGP routes will not be shared.
- D. The CE-1 and CE-2 routes will have the same route distinguisher, which will not stop the BGP routes from being shared.

Answer: CD

NEW QUESTION 43

Which two statements about virtual links are correct? (Choose two.)

- A. Virtual links are used for control plane traffic.
- B. Virtual links are point-to-point.
- C. Virtual links are excluded from SPF calculations.
- D. Virtual links are bidirectional.

Answer: AB

NEW QUESTION 47

Exhibit:

R1 assigns incoming voice traffic to the ef forwarding class. All other traffic is assigned to the best-effort forwarding class. You have configured a CoS re-write rule on R1 to include the correct CoS bit values in packets sent towards R2. You want R2 to classify traffic using the CoS markings created by R1.

Which two configuration steps are necessary to accomplish this task? (Choose two.)

- A. Configure a CoS re-write rule on R2 and assign matching CoS values.
- B. Assign the CoS re-write rule to the ge-0/0/1.0 interface on R2.
- C. Assign the behavior aggregate classifier to the ge-0/0/1.0 interface on R2.
- D. Configure a behavior aggregate classifier on R2.

Answer: BC

NEW QUESTION 50

Exhibit:

Your network is connected to two different ISPs and you notice that they are using your network for transit traffic.

In this scenario, which two configuration statements will solve this problem? (Choose two.)

- A. set policy-options policy-statement ISP term ROUTES then reject
- B. set policy-options as-path LOCAL-ROUTES ""
- C. set policy-options policy-statement ISP term REST then reject
- D. set policy-options as-path LOCAL-ROUTES " (65310 | 65441) +"

Answer: BC

NEW QUESTION 54

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 56

Exhibit:

Your network connects two segments of your customer's network as shown in the exhibit They need to exchange routes between Segment 1 and Segment 2 but both segments use the same AS number.

Which two steps will accomplish this task? (Choose two.)

- A. Configure the routing-options autonomous-system loops I parameter on routers R1 and R4.
- B. Configure the routing-options autonomous-system loops I parameter on routers R2 and R3.
- C. Configure the BGP group with the as-override parameter on routers R1 and R4.
- D. Configure the BGP group with the advertise-peer-as parameter on routers R2 and R3.

Answer: AD

NEW QUESTION 59

Exhibit:

Referring to the exhibit, which path would traffic passing through R1 take to get.

- A. R1 -> R2 -> R4 -> R6
- B. R1 -> R2 -> R3 -> R6
- C. R1 -> R3 -> R5 -> R6
- D. R1 -> R3 -> R4 -> R6

Answer: C

NEW QUESTION 62

Exhibit.

Referring to the exhibit, which command would reduce the size of the OSPF database and corresponding routes?

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

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

Answer: D

NEW QUESTION 64

Which two statements regarding ingress replication in EVPN are correct? (Choose two.)

- A. Ingress replication will replicate all BUM traffic to all remote PEs in the EVI.
- B. Ingress replication relies on PIM to build the multicast replication tree.
- C. Ingress replication labels are learned from remote PEs through the EVPN Type-3 route.
- D. Ingress replication is only supported in vrf-type routing instances.

Answer: AC

NEW QUESTION 65

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 66

Exhibit:

You have the Layer 2 VPN configuration shown in the exhibit. You are asked to determine the remote site ID for ge-1/0/1.512. In this scenario, what is the remote site ID?

- A. 5
- B. 3
- C. 1
- D. 4

Answer: C

NEW QUESTION 71

Exhibit:

R2 is receiving a route from R1 and you must ensure that the route is not advertised to R3. Referring to the exhibit, which two configurations on R2 will solve the issue? (Choose two.)

- A. Apply the no-export policy as an import policy under group 65001
- B. Apply the no-advertise policy as an export policy under group 65003
- C. Apply the no-export policy as an export policy under group 65003
- D. Apply the no-advertise policy as an import policy under group G5001

Answer: BD

NEW QUESTION 73

You are deploying a new EVPN service for your customers. You must build the service based on the following requirements

-- both Layer 2 and Layer 3 functionality must be supported

-- your customers must be able to support multiple VLANs in the same EVPN instance (EVI). In this scenario which two types of routing instances should be configured? (Choose two.)

- A. VRF
- B. virtual switch
- C. virtual router
- D. EVPN

Answer: AD

NEW QUESTION 77

Exhibit:

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

- A. R1 will never forward transit traffic through R2.
- B. Transit traffic from R1 to R4 will traverse R3.
- C. The OSPF interface metrics on R2 are all set to 65535.
- D. R2 stops sending LSAs into the network.

Answer: BC

NEW QUESTION 80

Exhibit.

You are providing camer-of-carner VPN services for AS 100 and AS 200 You want to distribute MPLS labels between your PE routers and the AS 100 and AS 200 CE routers.

What must be enabled to accomplish this task?

- A. Use BGP with the labeled-unicast address family enabled
- B. Use RSVP with the tunnel-services parameter enabled
- C. Use BGP with the inet-vpn address family enabled
- D. Use RSVP with the lsp-set parameter enabled

Answer: C

NEW QUESTION 81

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 84

What occurs when a router running IS-IS receives an LSP with the overload bit set?

- A. The LSP is not added to the link-state database.
- B. The LSP's metric will be set to 65535.
- C. The LSP is ignored during SPF calculation.
- D. The LSPs metric will be set to 16777215.

Answer: D

NEW QUESTION 86

A customer recently migrated to IS-IS and is concerned about resource starvation when the routing protocol daemon (RPD) starts. To resolve this issue and protect R2 and R3, which feature should you implement?

- A. Deploy firewall filters to limit the prefix count in the route table
- B. Double the policy-options damping half-life timer to let the network settle.
- C. Use the forwarding-options ip-options-protocol-queue parameter to increase resources.
- D. Implement the overload bit and timer to signal service availability.

Answer: D

NEW QUESTION 87

Exhibit:

Referring to the exhibit, which three statements are correct? (Choose three.)

- A. This route contains the MAC address of an end host.
- B. The router with the IP address 10.101.100.3 is the originator of this route.
- C. This route is an EVPN Type-1 route.
- D. This ESI Auto-Discovery route is used for designated forwarder electio
- E. The ESI is 00:22:22:22:22:22:22:22:22:22.

Answer: BCE

NEW QUESTION 92

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