Exam Questions JN0-663

Service Provider Routing and Switching Professional (JNCIP-SP)

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NEW QUESTION 1
Exhibit:

You have an established Layer 3 VPN between two PE devices. You are asked to only send certain routes from PE-1 over the VPN to the remote site while maintaining all the routes on the PE-1 device. You created a policy that matches the specific routes and then tags these routes with the appropriate target community values.
In this scenario, which configuration changes must be made to satisfy the requirement?

A. Configure the export parameter and apply the policy to the my-ext-group BGP group configuration.
B. Configure the vrf-export parameter and apply the policy under the edit routing-instances vpn-a hierarchy.
C. Configure a RIB group and apply the policy as an import policy to routes distributed into the bgp I3vpn.0 routing table
D. Configure the import parameter and apply the policy to the my-ext-group BGP group configuration.

Answer: B

NEW QUESTION 2
What are two reasons an IBGP learned route would be hidden? (Choose two.)

A. The route is suppressed by damping.
B. The route has a next hop of the local routing device.
C. The route is rejected by an export policy.
D. The route has an empty AS path.

Answer: AB

NEW QUESTION 3
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 4
Exhibit:

All adjacencies have been formed, no extra options have been configured, and no policies have been written. Referring to the exhibit, which two statements are correct? (Choose two.)

A. R1 cannot reach R5
B. R1 will create its own default route that points to R2
C. R2 will create a default route and send it as a TLV to R1
D. R1 can reach R5.

Answer: CD

NEW QUESTION 5
Which two statements about IS-IS are correct? (Choose two.)

A. Level 1 intermediate systems exchange routing information with Level 1 intermediate systems in other IS-IS areas.
B. An IS-IS router sets the attached bit in the PDUs it sends to a Level 1 area to indicate that it is a backbone router.
C. A Level 1 router can only form adjacencies with other Level 1 routers.
D. Level 2 routers can form adjacencies with either Level 1 or Level 2 routers.

Answer: BC

NEW QUESTION 6
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 7
Exhibit:

Which two statements regarding the output shown in the exhibit are correct? (Choose two.)

A. The type of connection is remote.
B. The type of connection is local.
C. The PEs have matching control word values.

D. The label associated with this virtual circuit is out of range.

Answer: AC

NEW QUESTION 8
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 9
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 10
You are considering different MPLS VPN connectivity options of a new customer deployment Your customer requires shared LSPs Layer 2 connectivity and auto-provisioning
Which type of VPN satisfies the requirements?

A. BGP Layer 3 VPNs
B. circuit cross-connects
C. BGP Layer 2 VPNs
D. LDP Layer 2 circuits

Answer: C

NEW QUESTION 10
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 1.0.0/24 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 12
Exhibit.

Referring to the exhibit, there is an Layer 3 VPN setup that connects sites CE-A-1. CE-A-2 and CE-A-3 together Host-1 can communicate with Host-3. but Host-1 cannot communicate with Host-2
What must you do to solve the problem?

A. Use the auto-export command in both routing instances
B. Change the route distinguish^ in both routing instances to the same value
C. Use the next-table configuration statement for static routes in the corresponding routing instances.
D. Use BGP instead of static routing between the CE and PE devices

Answer: A

NEW QUESTION 15
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 inetfiow.0 table

Answer: D

NEW QUESTION 17
Exhibit.

A customer wants to reduce LSP flooding in their IS-IS network Which parameter should you change to accomplish this task?
A)

B)

C)

D)

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

Answer: B

NEW QUESTION 22
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 25
Exhibit:

Referring to the exhibit, which statement is true?

A. The route is learned from only one neighbor.
B. This is a multipath route.
C. The route is learned from three different neighbors.
D. This is a multihop route.

Answer: D

NEW QUESTION 26
Exhibit:

Referring to the exhibit, you are asked to summarize all routes in the 10.10.0 0/22 address range ensuring that a single summary route is present in area 49.0002 while the IS-IS internal contributing routes are restricted to area 49.0001. All other routes must not be affected.
Which two operations would have to be performed on R2 to accomplish this task? (Choose two.)

A. Create and apply a policy with a single term to accept only the summary route.
B. Include the from level 1 match criteria when referencing the summary route.
C. Include the to level 2 match criteria when referencing the summary route.
D. Create and apply a policy with two terms; one to accept the summary route and one to reject the contributing routes.

Answer: CD

NEW QUESTION 29
Exhibit.

A network designer wants to ensure that traffic from R2 destined for 2001 db9:ffff:ff00. '62 always traverses the R2-R1 link it 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 33
You are creating an LDP-signaled Layer 2 circuit between two sites. Site1 and Site2 use different VLAN IDs to connect to your PE devices In this scenario, which encapsulation type must be used on the logical interfaces?

A. vlan-bridge
B. vlan-ccc
C. vlan-tcc
D. vlan-vpls

Answer: C

NEW QUESTION 38
Exhibit:

CE-1, CE-2, and CE-3 are part of a single VPLS VPN An Ethernet frame has just arrived at PE-3 from CE-3. It has a source MAC address of CE-3 and a destination MAC address of CE-1. You want to know what PE-3 does with the Ethernet frame.
Referring to the exhibit, which statement is correct?

A. It forwards the packet to PE-1 only.
B. It drops the packet because the destination MAC address is not for PE-3.
C. It forwards the packet to PE-1 and PE-2.
D. It drops the packet because the destination MAC address is not in PE-3's MAC table.

Answer: C

NEW QUESTION 42
You are asked to configure a series of interface policers and firewall filters, which include policers, on the same device You must ensure that the two configuration methods do not conflict.
What are two considerations when performing this task? (Choose two.)

A. On inbound traffic, interface policers are applied before firewall filters.
B. On inbound traffic, firewall filters are applied before interface policers.
C. On outbound traffic, interface policers are applied before firewall filters.
D. On outbound traffic, firewall filters are applied before interface policers.

Answer: AD

NEW QUESTION 43
Click the Exhibit button.

A network administrator is investigating why traffic from R2 is not being forwarded to R1
Referring to the show isis database command output shown in the exhibit, what is causing this problem on the network?

A. R1 and R2 are in different IS-IS areas.
B. The preferred interface between R1 and R2 is experiencing errors
C. R1 is configured to drop all incoming traffic.
D. R2 is ignoring specific LSPs from R1 in its SPF calculations.

Answer: D

NEW QUESTION 46
Exhibit:

Referring to the exhibit, hosts in Site 1 and Site 2 are unable to communicate with each other through the Layer 3 VPN.
What is the problem?

A. The two sites are using the same route distinguishes.
B. The two sites are in the same AS.
C. The two sites are using the same instance type.
D. The two sites are using the same route target.

Answer: B

NEW QUESTION 49
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 l parameter on routers R1 and R4.
B. Configure the routing-options autonomous-system loops l 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 54
Exhibit.

Referring to the exhibit, which statement is true?

A. The BGP session between R1 and R2 will fail to establish correctly due to an NLRI mismatch
B. The BGP session between R1 and R2 will establish correctly and the met unicast and the met6 unicast NLRIs will pass routing information
C. The BGP session between R1 and R2 will establish correctly and only the inet6 unicast NLRI will pass routing information
D. The BGP session between R1 and R2 will establish correctly and only the met unicast NLRI will pass routing information

Answer: B

NEW QUESTION 57
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 61
Exhibit.

You have a Layer 3 VPN established between PE-1 and PE-2 to allow communication between CE-1 and CE-2. You want to establish communication between CE-1 and CE-2.
Referring to the exhibit, which statement is correct?

A. You will need a VRF import policy on PE-2 to advertise the OSPF routes learned from CE-2 through the Layer 3 VPN
B. You will need a VRF export policy on PE-2 to redistribute the OSPF routes learned from CE-2. through the Layer 3 VPN
C. You will need a BGP export policy on PE-1 to redistribute the OSPF routes learned from PE-2 to the CE1 BGP neighbor
D. You will need a VRF import policy on PE-1 to receive the OSPF routes learned from PE-2. through the Layer 3 VPN

Answer: B

NEW QUESTION 62
Which two statements are true about what a route reflector does by default when distributing routes it has received from reflector clients? (Choose two.)

A. It changes the default BGP attributes to inform peers that it is a route reflector.
B. It adds its cluster ID to the client-received routes.
C. It sets the next hop of all routes to "self' to prevent routing loops.
D. It does not change any received BGP attributes.

Answer: BD

NEW QUESTION 67
Exhibit:

Referring to the exhibit, what will the IS-IS cost be for R1 to reach R3?

A. 301
B. 73
C. 20
D. 310

Answer: D

NEW QUESTION 72
Exhibit:

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

A. The vrf-target configuration stops routes from being shared between CE-1 and CE-2.
B. The route-distinguisher configuration allows routes to be shared between CE-1 and CE-2.
C. The vrf-target configuration allows routes to be shared between CE-1 and CE-2.
D. The route-distinguisher configuration stops routes from being shared between CE-1 and CE-2.

Answer: AB

NEW QUESTION 74
You must deploy an interprovider VPN option that ensures that the ASBRs do not need to store any VPN routes.
In this scenario, which interprovider VPN option should you choose?

A. option B
B. option A
C. option C
D. option D

Answer: C

NEW QUESTION 75
Exhibit.

You are provisioning Layer 2 circuits between sites CE1. CE2. andCE3
Referring to the exhibit, which statement is true?

A. Two VLANs must be configured from PE1 to CE1.
B. A point-to-multipoint LSP must be created between sites.
C. Site PE1 must have a point-to-multipoint link configured towards the core
D. Each site must have only one VLAN configured to the PE

Answer: A

NEW QUESTION 79
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 84
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 86
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 88
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 93
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 94
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