

Nokia.4A0-C04.v2022-09-25.q105

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https://www.krdump.com/Nokia.4A0-C04.v2022-09-25.q105.html	

NEW QUESTION: 1

Click the exhibit.

Router R2 receives a route to 192.168.1.0/27 from router R4, and sets the local preference to 110. Router R1 receives a route to 192.168.1.0/27 from router R3, and sets the local preference to 80. Both ASs have a full iBGP mesh. What path does traffic destined to 192.168.1.0/27 take from router R1?

- A. R1-R2-R4-R8
- B. R1-R2-R4-R3-R8
- C. R1-R3-R8
- D. R1-R3-R4-R8

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Which of the following about Fast Reroute link protection tunnels is FALSE?

- A. Link protection tunnels detour around a failed next downstream router.
- B. Link protection tunnels are only requested for a primary LSP path.
- C. Link protection tunnels are established if a router is unable to establish node protection tunnels.
- D. Link protection tunnels can be created for both one-to-one or facility Fast Reroute.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 3

What is the function of the Cluster_List attribute?

- A. It is used for loop detection in a confederation.
- B. It is used to identify the route reflectors within an AS.
- C. It is used for loop detection between clusters.
- D. It is used for loop detection within the same cluster.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 4

Which MPLS label mode saves label mappings received from all peer LSRs?

- A. Conservative label retention
- B. Downstream on demand
- C. Liberal label retention
- D. Downstream unsolicited

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 5

Click the exhibit button.

Given the topology and the show commands, and assuming that router R2 advertises all of its loopbacks into OSPF, what is the correct router R1 configuration?

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 6

A CE is connected to an IES interface. Which of the following is TRUE?

- A. The IES must use an IP address that is different than the CE.
- B. The IES must include a network port.
- C. The IES can only include one SAP for the CE.
- D. The IES's interface must be an IGP peer with the CE.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

Which of the following is NOT required when configuring an LSP with an admin group constraint on an Nokia 7750 SR?

- A. Enable MPLS and RSVP on all routers along the LSP path.
- B. Enable CSPF on the head-end router.
- C. Enable traffic engineering on all routers along the LSP path.
- D. Configure a path definition on all routers along the LSP path.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 8

Which regular expression will match the AS Path of a route originating in remote AS 65100?

- A. "65100"
- B. "65100.+"

C. ".* 65100.*"

D. ".+ 65100"

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 9

How is the aggregator attribute handled with 32-bit AS numbers?

A. With the same method and attribute as 16-bit AS numbers.

B. Aggregation is not yet supported with 32-bit AS numbers.

C. With the same method as 16-bit AS numbers, but using the AS4_Aggregator attribute.

D. By using a dummy value of 23456 in the 16-bit AS aggregator field. This value lets the router know it needs to read the 32-bit AS number that is contained in the nextTLV.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

What is the result of configuring the following policy statement as a BGP import policy on the Nokia 7750 SR?

A. All BGP routes are accepted.

B. BGP routes matching prefix lists "List-1" or "List-2" are rejected.

C. All routes matching prefix lists "List-1" and "List-2" are rejected.

D. BGP routes matching prefix lists "List-1" and "List-2" are rejected.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 11

Click on the exhibit.

RSVP session state for LSP 1 has timed out on router R3. Which of the following actions will router R3 initiate to clear the RSVP session?

A. Send a PATH Tear message toward router R6.

B. Send a PATH Error message toward router R1.

C. Send a PATH Error message toward router R6.

D. Send a PATH Tear message toward router R1.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

If an Nokia 7750 SR is an iLER operating in pipe mode, which of the following regarding the TC field (EXP bits) is TRUE?

A. The TC field is set to a specific value via explicit administrative configuration.

B. The TC field is set based on the value of the DSCP field inside the customer packet.

C. The TC field is set by the eLER.

D. The TC field is set to a system generated random number.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 13

Which of the following is TRUE when the explicit null is implemented?

- A. The penultimate router will forward packets to the eLER, based on the IP header.
- B. The eLER will receive packets with a top label value of 3.
- C. The eLER will receive packets with a top label value of 0.
- D. The penultimate router will pop the top label from the packets.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 14

There is an IP host with IP address 10.2.3.1. A static route is created, using the "configure router static-route

10.2.3.0/24 next-hop 10.1.2.1" command. What is the correct traceroute command to test this static route on an Nokia 7750 SR?

- A. traceroute 10.1.2.1
- B. traceroute 10.2.3.1
- C. traceroute next-hop 10.1.2.1
- D. traceroute 10.2.3.1 next-hop 10.1.2.1
- E. traceroute does not work on the Nokia 7750 SR.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 15

What is the default preference value for a static route in the Nokia 7750 SR?

- A. 10
- B. 5
- C. 15
- D. 0

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 16

What type of LSA is used to flood information about prefixes from one OSPF area to other attached areas?

- A. Type 3
- B. Type 1
- C. Type 7
- D. Type 4

Answer: (SHOW ANSWER)

NEW QUESTION: 17

Click on the exhibit.

An LDP tunnel is established on router R1 towards router R6. The link between routers R2 and R4 goes down.

What will happen to the MPLS data traffic to router R6 IMMEDIATELY after the link goes down?

- A. MPLS data traffic will not be discarded because of fast reroute capability on router R2.
- B. MPLS data traffic will be discarded until the IGP finds a new next-hop to router R3.
- C. MPLS data traffic will be discarded unless the LDP tunnel has a standby secondary path.
- D. MPLS data traffic will not be discarded because router R1 received labels from both next-hops, routers R2 and R3.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 18

Which of the following defines an FEC in traditional IP?

- A. A group of packets that arrive at the router on the same interface,
- B. A group of packets that will be forwarded by the router in the same manner, over the same path.
- C. A group of packets that arrive at the router on the same interface, from the same source.
- D. A group of packets that leave the router on the same interface.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 19

Which of the following statements best describes an OSPF type 3 LSA?

- A. An OSPF type 3 LSA is an inter-area LSA, generated by the ABR only when route summarization is configured.
- B. An OSPF type 3 LSA is an intra-area LSA, generated by the ABR only when route summarization is configured.
- C. An OSPF type 3 LSA is an inter-area LSA, generated by the ABR to describe a route to neighbors outside the area.
- D. An OSPF type 3 LSA is an inter-area LSA, generated by an ASBR to describe external routes.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 20

Which of the following about the lsp-ping command on the Nokia 7750 SR is FALSE?

- A. Echo reply packets may not take the same path as the LSP.
- B. The test fails if the LSP is not operationally up.
- C. An echo request is sent based on the LSP's label stack.

D. The IP destination address is used to initiate echo requests,

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 21

Which of the following statements about the BGP Advertise External feature is FALSE?

- A. It modifies the BGP advertisement logic.
- B. It improves convergence times and allows for better load sharing.
- C. It supports both IPv4 and IPv6.
- D. It allows a router to advertise multiple external paths for a single prefix.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 22

Click the exhibit.

AS 65100 is advertising 192.168.1.0/27 into BGP. Which of the following AS Paths would the prefix

192.168.1.0/27 contain when viewed on router R7?

- A. (65206 65202)65100
- B. (65200) 65100
- C. (65204 65206 65202) 65100
- D. 65206 65202 65100

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 23

Which of the following statements regarding BGP shortcuts is FALSE?

- A. A full mesh of iBGP peering sessions is not required,
- B. MPLS tunnels are used to carry transit traffic across the network.
- C. Edge and transit routers need to be configured with BGP.
- D. The transit routers need to support LDP or RSVP-TE LSPs.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 24

Click the exhibit button.

Router R2 advertises the network 192.168.3.0/24 to router R1 via OSPF. A route policy has been constructed to discard the route on router R1; however, it is not working. What is the problem?

- A. This is not possible because OSPF cannot use import policies.
- B. The policy was likely not "committed" after creation.
- C. The policy "reject" should be set for import rather than export.
- D. Router R1 should be configured as an OSPF "asbr".
- E. The prefix list reject should be "192.168.3.0/16 exact".

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 25

Which MPLS label mode propagates a label mapping only for the FEC for which a router has a label mapping for the FEC's next-hop?

- A. Conservative label retention mode
- B. Downstream on demand label distribution mode
- C. Liberal label retention mode
- D. Ordered control mode
- E. Independent control mode

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 26

Which of the following regarding the withdrawal of routes from one BGP speaker to another is TRUE?

- A. An update message is used. Multiple prefixes can be withdrawn at a time.
- B. A withdraw message is used. Multiple prefixes can be withdrawn at a time.
- C. A withdraw message is used. Only a single prefix can be withdrawn at a time.
- D. An update message is used. Only a single prefix can be withdrawn at a time.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 27

An OSPF router receives an update in which the sequence number, age, and checksum are the same as the entry already in the topological database. What action is taken by the router?

- A. The link state information is not populated in the database and an acknowledgement is sent
- B. The link state information already in the database is overwritten and the age is reset
- C. The link state information is not populated in the database but is forwarded to all neighbors
- D. The link state information is regarded as old and nothing is done.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 28

Click on the exhibit.

The partial command output from an Nokia 7750 SR is shown. Which of the following about this LSP path is TRUE?

- A. R6 (10.10.10.6) has established a link protection tunnel.
- B. R4 (10.10.10.4) has established a link protection tunnel.
- C. R2 (10.10.10.2) has established a node protection tunnel.
- D. R1 (10.10.10.1) has not established a node protection tunnel.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 29

What is the source IP address in an OSPF update?

- A. 224.0.0.5

- B. The unicast IP address of the interface the update is sent on
- C. 224.0.0.6
- D. The system address of the router.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

What happens by default on an Nokia 7750 SR when a VPLS accepts a tagged frame at the ingress SAP 1/1/1:100?

- A. The FCS is verified and removed from the frame. The VLAN tag is removed for transport over the network.
- B. The FCS is verified and removed from the frame. The VLAN tag is kept for transport over the network.
- C. The FCS is verified and kept in the customer frame. The VLAN tag is removed for transport over the network.
- D. The FCS is verified and kept in the customer frame. The VLAN tag is kept and transported over the network.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

What is the default preference value for a static route in the Nokia 7750 SR router?

- A. 5
- B. 0
- C. 15
- D. 10

Answer: A ([LEAVE A REPLY](#))

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30%OFF Special Discount: KrDump)

NEW QUESTION: 32

On an Nokia 7750 SR, what is the recommended approach for making sure that MTUs between a VPLS and its spoke IES termination match?

- A. Set the service MTU of the VPLS to match the IES MTU.
- B. Set the MTU of the IES's network port to match the service MTU of the VPLS.
- C. Set the SDP MTU of the IES to match the SDP MTU of the VPLS.

D. Set the ip-mtu of the IES to match the service MTU of the VPLS.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 33

Which type of OSPF LSA has the following characteristics: It is flooded only within the area it originates from and can be originated by any OSPF router within the area (including non-DR routers).

- A. Type 4 ASBR LSA
- B. Type 1 Router LSA
- C. Type 3 Summary LSA
- D. Type 2 Network LSA

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 34

An Nokia 7750 SR has the BGP configuration shown below. Assuming the router has established BGP sessions to routers R1 and R2, which of the following is TRUE?

- A. Neighbor R1 should be part of AS 65550, while neighbor R2 should be part of AS 65540.
- B. Neighbor R1 should be part of AS 65550, while neighbor R2 should be part of AS 65560.
- C. Both neighbors R1 and R2 should be part of AS 65560.
- D. Both neighbors R1 and R2 should be part of AS 65540.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 35

Which of the following about Type 10 opaque LSAs is TRUE?

- A. Type 10 opaque LSAs are used for traffic engineering support.
- B. Type 10 opaque LSAs are supported by IS-IS.
- C. Type 10 opaque LSAs are flooded to all areas of the routing domain.
- D. Type 10 opaque LSAs are stored in an LSDB.

Answer: (SHOW ANSWER)

NEW QUESTION: 36

Which of the following is a characteristic of a VPLS?

- A. An additional T-LDP session is required between PEs for each additional VPLS that is provisioned.
- B. When a new site is added, all the existing sites need to be shutdown and re-provisioned.
- C. Multiple VPLSes on the same router share a single MAC FDB.
- D. All SAPs of a VPLS belong to the same broadcast domain.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 37

Click on the exhibit.

If the primary path fails, which backup LSP path will the head-end router pick first?

- A. The first Standby in the list.
- B. The Standby with the longest uptime.
- C. The Standby with the lowest next-hop IP.
- D. The Standby with the highest next-hop IP.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 38

Click on the exhibit.

An LSP traverses the path R1-R2-R3. With one-to-one fast reroute enabled, which router becomes a DMP for the detour tunnels?

- A. Router R5
- B. Router R3
- C. Router R4
- D. Router R1
- E. Router R2

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 39

What is the default Nokia 7750 SR TTL of a BGP advertisement between confederation members?

- A. 32
- B. 1
- C. 64
- D. 255

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 40

Which of the following about MPLS shortcuts for IGP on an Nokia 7750 SR is FALSE?

- A. Multiple MPLS tunnels can be installed in the FIB.
- B. An IGP route takes priority over a transport tunnel.
- C. MPLS tunnels can be used to resolve the prefixes learned via IGP.
- D. Both LDP and RSVP-TE based tunnels can be used.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 41

Static routing will be used in a network between a corporate head office, with many connected networks, and a branch office, with one connection to the head office. Which of the following best describes the likely configuration?

- A. The corporate head office router will have a default route and the branch site will have a more specific static route.

B. The corporate head office router will have a more specific static route and the branch office router will have a default route.

C. The corporate head office router and the branch office router will both have specific static routes.

D. The corporate head office router and the branch router will both have default routes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

Click the exhibit.

Assume all router-IDs are properly configured, and IPv6 link-local addresses are used to establish all eBGP sessions. Given the following iBGP configuration on router A, what is the Next Hop for prefix

2001:DB8:A:401::1/128 on router B?

A. The IPv6 link-local address of the router A interface towards router D.

B. The IPv6 global address of router D.

C. The IPv6 global address of router A.

D. The IPv6 link-local address of the router D interface towards router A.

Answer: **C** ([LEAVE A REPLY](#))

NEW QUESTION: 43

Which of the following routes is NOT considered an internal route?

A. A route received from a BGP peer from the same member AS of a confederation.

B. A route received from a BGP peer from a different member AS of a confederation.

C. A route received from a BGP peer within the same AS.

D. A route originated by a router in a different cluster of the same AS.

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 44

Click the exhibit.

The CEs use BGP and export policies to advertise their local prefixes with the VPRN on their PEs. If the VPRN is functioning properly, which of the following commands will succeed when performed on router R1?

A. "ping 10.10.10.6" (router R6's system IP)

B. "oam vprn-ping 100 source 192.168.10.1 destination 192.168.20.1"

C. "oam vprn-ping 100 source 192.168.20.1 destination 192.168.10.1"

D. "ping 192.168.20.1"

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 45

Which of the following regarding MPLS label value assignment is FALSE?

A. Label values may be dynamically assigned by LDP.

- B. Label values may be dynamically assigned by IGP.
- C. Label values may be reserved for special uses.
- D. Label values may be dynamically assigned by RSVP-TE.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

To enable the LDP-over-RSVP feature, which of the following configurations is NOT required on an Nokia 7750 SR?

- A. Enable the ldp-over-rsvp feature on all PEs and ABRs along the LSP tunnel.
- B. Configure RSVP-TE LSPs in each area between each PE-ABR and ABR-ABR pair.
- C. Configure Link-LDP sessions between each PE-ABR and ABR-ABR pair.
- D. Configure T-LDP sessions with the tunneling option.

Answer: C ([LEAVE A REPLY](#))

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30%OFF Special Discount: KrDump)

NEW QUESTION: 47

Click on the exhibit.

An LDP-over-RSVP tunnel is established between PE-1 and PE-2. Which of the following is NOT required to protect the LDP-over-RSVP tunnel?

- A. ABR-1 requires T-LDP sessions to all ABRs in area 0.
- B. PE-1 requires fast reroute enabled on all RSVP-TE LSPs.
- C. PE-1 requires a full mesh of RSVP-TE LSPs to all routers in area 1.
- D. PE-1 requires T-LDP sessions to both ABR-1 and ABR-2.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 48

Which of the following about VPRN route targets is FALSE?

- A. A route target appended to an IPv4 prefix produces a VPN-IPv4 prefix.
- B. Multiple route targets can be part of a single MP-BGP update.
- C. Route targets must be configured for VPRNs.
- D. A route target is used to distinguish to which VRF table a prefix belongs.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

Which of the following commands can be used to display the number of SPF computations that have been performed on a router?

- A. show router ospf status
- B. show router ospf neighbor
- C. show router ospf interface
- D. show router ospf area <area-id>

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 50

Two Nokia 7750 SRs are established BGP peers with the following add-paths configuration:

R1: configure router bgp add-paths ipv4 send 4 receive

R2: configure router bgp add-paths ipv4 send 2

If router R1 advertises three routes for a given prefix X, how many routes is router R2 expected to have for prefix X?

- A. 2
- B. 4
- C. 3
- D. None

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 51

Which of the following about ADSPEC is FALSE?

- A. ADSPEC sets an SDP's MTU to the smallest MTU value found along the LSP path.
- B. ADSPEC can be enabled on individual LSPs.
- C. ADSPEC can automatically adjust the service MTU.
- D. RSVP must be enabled on all MPLS routers of a path to use ADSPEC.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 52

Which of the following about RSVP-TE is FALSE?

- A. It supports LSPs with traffic engineering constraints.
- B. It supports traffic protection using IGP equal cost paths.
- C. It supports LSPs that follow the IGP best path.
- D. It supports CAC to prevent resource overbooking.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 53

An SDP using GRE encapsulation is configured for an E-pipe service. The network port used by the SDP has an MTU of 8000. What value does the SDP path MTU have by default on an Nokia 7750 SR?

- A. 8022
- B. 7958
- C. 8042
- D. 7978

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

Click the exhibit button.

What triggers convergence of the routing protocol when the link between switch 1 and switch 2 goes down?

- A.** Convergence is triggered when the physical interfaces between routers R1 and R2 go down. At this point, both routers R1 and R2 re-compute their link state database and send updates to their adjacent routers. Once the process is complete for all routers, the networks have converged.
- B.** Convergence is triggered when an LSA is sent from router R1 to router R2 to indicate that the link is down. At this point, both routers R1 and R2 re-compute their link state database and send updates to their adjacent routers. Once the process is complete for all routers, the networks have converged.
- C.** Convergence is triggered when the switches notify the routers about the link state information. At this point, both routers R1 and R2 re-compute their link state database and send updates to their adjacent routers. Once the process is complete for all routers, the networks have converged
- D.** Convergence will not be triggered because switches cannot run routing protocols between them.
- E.** Convergence is triggered when the adjacency between routers R1 and R2 drops as a result of Hello timeouts. At this point, both routers R1 and R2 re-compute their link state database and send updates to their adjacent routers. Once the process is complete for all routers, the networks have converged.

Answer: **E** ([LEAVE A REPLY](#))

NEW QUESTION: 55

In an OSPF Hello packet what fields must match all neighbor routers on the segment? (Choose 3)

- A. Hello and Dead Intervals
- B. Area ID
- C. DR and BDR addresses
- D. The list of neighbors
- E. Stub flag

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 56

Click on the exhibit. After the lsp-ping command is executed, which of the following best describe the router's action?

- A.** MPLS Echo Request packets are IP-routed to the destination address of "lsp-toR2".

B. MPLS Echo Request packets are sent within the RSVP-TE tunnel that is signaled for "Isp-toR2".

C. MPLS Echo Request packets are sent within the LDP tunnel that is signaled for MIsp-toR2".

D. MPLS Echo Request packets are sent to the destination address of "Isp-toR2" over TCP.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 57

Click on the exhibit.

What is the possible reason that the label for prefix 192.10.1.2/32 is not active?

A. The router receives an invalid label for the prefix 192.10.1.2/32 from its peer.

B. The router does not have an export policy defined to export the prefix 192.10.1.2/32 into LDP.

C. The router does not have a route to reach to the peer 10.10.10.2/32.

D. The router does not have a route to reach to the prefix 192.10.1.2/32.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 58

Click the exhibit button.

If router R2 redistributes the IS-IS route to 192.168.3.0/24 into OSPF, router R3 preference of these two routes? Choose two answers.

A. The IS-IS Level 2 external preference

B. The IS-IS Level 1 external preference

C. The IS-IS Level 1 internal preference

D. The OSPF external preference

E. The OSPF internal preference

F. The IS-IS Level 2 internal preference

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 59

Click the exhibit button.

Which of the following would correctly configure routers R2, R3, and R4?

A. Option B

B. Option A

C. Option D

D. Option C

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 60

On Nokia 7750 SR OS, routing information between the CE and PE can be exchanged using the following methods.

A. BGP, ISIS, RIP, OSPF, static routes

- B. ISIS, RIP, OSPF, static routes
- C. BGP, RIP, OSPF, static routes, OSPF3
- D. ISIS, RIP, OSPF, static routes, OSPF3

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 61

What are the ways the RID can be created on an Nokia 7750 SR router? (Choose three)

- A. From the highest interface IP address
- B. From the first 32 bits of the chassis MAC address
- C. The loopback IP address
- D. From the system IP address
- E. From the last 32 bits of the chassis MAC address
- F. By using the command "config router ospf rid X.X.X.X"

Answer: ([SHOW ANSWER](#))

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30%OFF Special Discount: KrDump)

NEW QUESTION: 62

What is the protocol number for OSPF in the IP header?

- A. OSPF has its own protocol number of 89.
- B. OSPF does not use IP.
- C. OSPF uses UDP, so the protocol number is 17.
- D. OSPF uses TCP, so the protocol number is 6.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

Which of the following about VPLS MAC learning is TRUE?

- A. Mesh SDPs assist MAC learning by flooding traffic to other mesh SDPs.
- B. A PE keeps a single FDB for all VPLSes it has.
- C. The FDB only stores the MAC addresses of remote sites.
- D. Frames received on a SAP that are broadcast, multicast or unknown are flooded.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 64

Which of the following is NOT an application of MPLS?

- A. Enabling VPNs
- B. Enabling traffic engineering
- C. Enabling network security
- D. Enhancing network resiliency

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 65

Click the exhibit.

Routers RR1 and RR2 are redundant route reflectors for clients R3 and R4. Which of the following is a valid configuration on router RR1?

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 66

What address is used when RIPv2 uses multicast to send its updates?

- A. 224.0.0.6
- B. 224.0.0.9
- C. RIPv2 does not have support for multicast
- D. 224.0.0.5
- E. 224.0.0.10

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 67

Which of the following about SDPs is FALSE?

- A. A single SDP can carry different types of services.
- B. An SDP can use the system IP address to indicate the far-end router.
- C. An SDP can simultaneously support GRE and MPLS encapsulation.
- D. An SDP is not required for a local service.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 68

What causes an adjacency to change from "Init" to "Two Way"?

- A. When a Link State Update is received in response to a Link State Request
- B. When a router receives a Hello packet from a neighbor that contains its router id in the neighbor list
- C. When a Link State Acknowledgement is received in response to a Link State Update
- D. When OSPF neighbors exchange Database Descriptor packets

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 69

Click the exhibit.

Which of the following statements about the E-pipe service is TRUE?

- A. The service's VC ID is 44.
- B. The service is a local service.
- C. The service requires a second spoke SDP on this router.
- D. The service will accept VLAN tag 100.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 70

In an IP datagram, which field identifies the receiving application

- A. The protocol field of the transport layer header
- B. The protocol field of the network layer header
- C. The port field of the transport layer header
- D. The port field of the network layer address

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 71

Click on the exhibit.

If the primary path goes down, which secondary LSP path will the head-end router select first?

- A. Secondary_Path-1
- B. Secondary_Path-4
- C. Secondary_Path-2
- D. Secondary_Path-3

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 72

What causes an adjacency to change from down to two ways?

- A. When a link state acknowledgement is received in response to a link state update.
- B. When a router receives a Hello packet that contains its own router ID in the neighbor list from a neighbor.
- C. When a link state update is received in response to a link state request.
- D. When a router receives a database description packet from a neighbor.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 73

Click the exhibit.

Assume all router-IDs are properly configured, and global IPv6 addresses are used to establish eBGP sessions.

Which of the following configurations is required on router A so that router B can exchange traffic with router D?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 74

Which of the following about IS-IS Traffic Engineering on an Nokia 7750 SR is FALSE?

- A. Traffic engineering information is carried in the extended TLVs.
- B. Traffic engineering information is stored in the opaque database,
- C. Traffic engineering must be enabled on all IP/MPLS routers along the LSP path.
- D. Traffic engineering is required for constraint-based LSPs.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 75

Which of the following commands is used to display the database containing the OSPF-TE LSAs?

- A. show router ospf te opaque
- B. show router ospf opaque-database
- C. show router ospf database
- D. show router ospf opaque-lsa

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 76

In a Layer 2 encapsulation using T-LDP, what does the second (bottom) label represent?

- A. VC Label
- B. Tunnel Label
- C. VPI
- D. Operational Control Word
- E. VCI

Answer: ([SHOW ANSWER](#))

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30%OFF Special Discount: KrDump)

NEW QUESTION: 77

The configuration of an Nokia 7750 SR is given below. Router R1 has established BGP sessions with routers R2 and R3. Which of the following is TRUE?

- A. Router R1 forms eBGP sessions with routers R2 and R3.
- B. The types of BGP sessions with routers R2 and R3 cannot be determined.
- C. Router R1 forms an iBGP session with router R2, and an eBGP session with router R3.
- D. Router R1 forms iBGP sessions with routers R2 and R3.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 78

Which of the following about LDP sessions is TRUE?

- A. Established LDP sessions run over a TCP connection.
- B. The lower transport address initiates the session.
- C. An LDP session is established immediately after Init messages are exchanged between peers.
- D. Frame mode requires multiple sessions between peers.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 79

Which of the following about VPLS MAC learning is FALSE?

- A. MAC learning reduces flooding of frames with previously learned addresses.
- B. The PE routers of the service are responsible for learning MAC addresses.
- C. Flooding ensures that all PEs in a fully-meshed VPLS will learn the source address of all traffic.
- D. Multiple VPLSes on the same PE share the same MAC FDB.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 80

Click on the exhibit.

Which of the following is FALSE?

- A. The router 10.10.10.2 is the egress router of the prefix 192.10.1.2/32.
- B. The router can reach prefix 192.10.1.2/32 through a RSVP-TE tunnel.
- C. The router can reach prefix 192.10.1.2/32 through an LDP tunnel.
- D. The Isp-ping tool is used to perform a unidirectional LSP test.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 81

From what range are 16-bit private AS numbers selected?

- A. 64496 - 64511
- B. 1 - 56319
- C. 64513-65535
- D. 64512-65534

E. There are no defined private AS numbers; there are only private IP addresses.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 82

Identify two attributes of Distance Vector Protocols: (Choose two)

- A. Use holddown timers when topologies change to allow for convergence.
- B. Maintain multiple databases: neighbor, topology and routing.
- C. Use split horizon by default.
- D. Send information about directly connected links to neighbors at periodic intervals.

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 83

Which of the following statements describe the major features of OSPF? Choose two answers.

- A. Route redistribution
- B. Fast reroute capability
- C. Traffic engineering extensions
- D. Control traffic prioritization
- E. Cut through forwarding

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 84

A router in AS 65100 receives two BGP routes. The first route is for 138.1.1.0/24 with an AS Path of 65200

65300, Local Preference of 100, MED of 100, and router ID 10.10.10.10. The second route is for 138.1.0.0/16 with an AS Path of 65500 65300, Local Preference of 150, MED of 100, and router ID 10.1.1.1. Assuming all other attributes are equal, which route would be used to forward an IP packet with destination IP address 138.1.1.1?

- A. It is impossible to determine without the value of the origin code for both routes.
- B. Both routes are used.
- C. The second BGP route.
- D. The first BGP route.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 85

Which of the following about VPN labels is FALSE?

- A. They are also known as the inner label or service label.
- B. They are signaled between PE devices using MP-BGP.
- C. They indicate to the egress PE the VPRN to which a packet belongs.
- D. They are swapped at each P router as a packet crosses the service provider network.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 86

The Nokia 7750 SR supports which two of the OSPF area types below?

- A. Partially Stubby Areas
- B. Stub Areas
- C. Level 1 Areas
- D. Not So Stubby Areas

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 87

Click on the exhibit.

Which of the following is FALSE?

- A. The router 10.10.10.2 is the egress router of the LSP.
- B. The router can reach the far-end of the LSP through an RSVP-TE tunnel.
- C. The router can reach the far-end of the LSP through an LDP tunnel.
- D. The lsp-ping tool is used to perform a unidirectional LSP test.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 88

An operator configures an Nokia 7750 SR with a loopback interface and IPv6 address. The operator then configures a routing policy to redistribute the loopback prefix into OSPFv3. What type of LSA is used to advertise the route to other OSPFv3 routers in the same area?

- A. AS External LSA
- B. Network LSA
- C. Router LSA
- D. Intra-Area Prefix LSA
- E. Inter-Area Prefix LSA
- F. None of the statements are correct.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 89

Click the exhibit.

Given the following configuration for router R1, what is the expected Next Hop for prefix 192.168.1.0/27 as seen on router R2?

- A. 10.0.2.1
- B. 10.0.2.2
- C. 10.16.10.3
- D. 10.16.10.1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 90

Which of the following regarding BGP confederations is FALSE?

- A. Member ASs within a confederation can use route reflection.
- B. Within a confederation, each member AS is considered as a stand-alone AS.
- C. The entire confederation is viewed as a single AS by an eBGP peer.
- D. Member ASs must be fully meshed within a confederation.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 91

An OSPF adjacency is stuck in the exstart state. What is the most likely cause?

- A. An OSPF Hello has not been received from the neighbor.
- B. The router ID is the same on both routers.
- C. OSPF is not enabled on one of the routers.
- D. The MTU does not match on both interfaces.
- E. The interfaces are configured as point-to-point on one side and broadcast on the other.

Answer: D ([LEAVE A REPLY](#))

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30%OFF Special Discount: KrDump)

NEW QUESTION: 92

Which of the following statements about SAPs that are part of a VPVVS is FALSE?

- A. Only one SAP is required for a service that originates and terminates on the same Nokia 7750 SR.
- B. SAPs can have QoS policies assigned to them.
- C. Multiple SAPs can be defined on the same port.
- D. SAPs can be defined on Ethernet, POS, Sonet/SDH, or TDM channels.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 93

Exhibit

Given the two configurations shown, identify the two incorrect statements below: (Choose two)

- A. The interface type settings differ, but OSPF will still operate correctly.
- B. Metric values differ, but this does not prevent OSPF operation.
- C. The system interface is missing in one configuration so OSPF will not operate correctly.
- D. Both routers will generate OSPF Hello packets.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 94

NSSA LSA packets are what type within an NSSA area, and are converted to what other type at the ABR?

- A. They are type 5 within the area and are not modified at the ABR
- B. They are type 7 within the area and converted to type 5 at the ABR
- C. They are type 7 within the area and are not modified at the ABR
- D. They are type 5 within the area and converted to type 3 at the ABR

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 95

Which of the following OSPF area types are supported by the Alcatel- Lucent 7750 SR? Choose two answers.

- A. Not so stubby areas
- B. Level1 area WC
- C. Partially stubby areas
- D. Level 2 areas
- E. Stub areas

Answer: A,E ([LEAVE A REPLY](#))

NEW QUESTION: 96

Which of the following about transport and service tunnels is FALSE?

- A. A service will use the same service label for every hop.
- B. Service tunnels are unidirectional.
- C. Transport tunnels are unidirectional.
- D. A local service requires a transport tunnel.

Answer: (SHOW ANSWER)

NEW QUESTION: 97

Which of the following comparisons between E-pipes and VPLSes is FALSE?

- A. MAC addresses are learned by VPLSes, but not by E-pipes.
- B. They both function as a Layer 2 switch from the service provider's perspective.
- C. They both use SAPs as the demarcation point between the customer and the provider.
- D. They both support SAP encapsulations of null, dot1Q and Q-in-Q.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 98

Which routing protocol cannot be run over an lpipe?

- A. OSPF
- B. IS-IS
- C. BGP

D. RIP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 99

Which of the following about VPRNs is TRUE?

- A. Customers must use the same routing protocol as the service provider.
- B. For each VPRN, only one customer can be connected at each PE.
- C. Service providers only need to perform configurations on the PEs to add additional VPRNs.
- D. Customers belonging to the same VPRN service must use the same subnet.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

Which LSA type is used for OSPF-TE?

- A. Type 10 LSA - Area local Opaque LSA
- B. Type 8 LSA - Link Local LSA
- C. Type 11 LSA -AS Opaque LSA
- D. Type 9 LSA - Link local Opaque LSA

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 101

Which of the following is considered a best practice for BGP address planning?

- A. Optimizing BGP route table by exporting IGP routes into BGP.
- B. Using system addresses for setting up iBGP sessions.
- C. Exporting the networks associated with the external links of eBGP peers into BGP.
- D. Advertising external networks into IGP.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 102

Refer to the exhibit.

Assume that OSPFv3 is properly configured on all routers and that R4 advertises its system prefix into Area 0.

Which of the following statements best describes how R5 learns R4's IPv6 system prefix?

- A. With a Router LSA originated by R4
- B. With a Router LSA originated by R5
- C. With a Router LSA originated by R1
- D. With an Inter-Area Prefix LSA originated by R5
- E. With an Inter-Area Prefix LSA originated by R4
- F. With an Inter-Area Prefix LSA originated by R1

Answer: F ([LEAVE A REPLY](#))

NEW QUESTION: 103

Click the exhibit.

Router R1 is a route reflector with clients R2, R5 and R6. Prefixes advertised by router R5 have a local preference of 200. Router R3 advertises the prefix 192.168.1.0/27 to routers R5 and R6. Assuming that none of the routers in AS 65540 is configured with "advertise-external", what is the expected output of "show router bgp routes on router R1?"

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 104

Click the exhibit.

The operator at PE1 wants to analyze the traffic between CE4 and PE2. On an Nokia 7750 SR, which of the following is required as part of the configuration?

- A. PE1 needs a mirror source with the remote source specified.
- B. PE2 needs a mirror destination that specifies a SAP.
- C. Both PE1 and PE2 need a mirror destination.
- D. Both PE1 and PE2 need a mirror source.
- E. PE2 needs a mirror source with the remote source specified.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 105

Which of the following devices inspects the MPLS header in the received packet, and exchanges it for a new MPLS header?

- A. iLER
- B. LER
- C. LSR
- D. eLER
- E. PE

Answer: C ([LEAVE A REPLY](#))

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