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NEW QUESTION: 1

During the process of troubleshooting a VPLS problem the "oam mac-purge" command with "register" option was used to purge a MAC address from the FDB. Which of the following statements is true?

- A. Relearning of the MAC address that was purged can only be done once customer traffic resumes.
- B. Relearning of the MAC address that was purged can only be done with the "oam mac-register" command.
- C. Relearning of the MAC address that was purged can only be done with the "oam mac-populate" command.
- D. Customer traffic destined to the MAC address that was purged will be dropped until the MAC address is relearned with the "oam mac-populate" command.

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

NEW QUESTION: 2

Which of the following prefix-lists is the most specific match for prefix 172.31.2.1/24?

- A. Prefix 172.16.0.0/12 longer.
- B. Prefix 172.31.0.0/23 longer.
- C. Prefix 172.31.0.0/22 longer.
- D. Prefix 172.31.0.0/24 exact.

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

NEW QUESTION: 3

Which of the following about an Alcatel-Lucent 7750 SR MP-BGP update is FALSE?
Assume default behavior.

- A. On a specific PE, the MP-BGP updates for prefixes from a single VPRN carry different labels.

- B. There can be multiple Route Targets per route in an MP-BGP update.
- C. There can only be one Route Distinguisher per route in an MP-BGP update.
- D. Traditional BGP attributes and MP-BGP attributes are present in an MP-BGP update.
- E. An MP-BGP update carries an MPLS label that is used as the service label for a VPRN.

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

NEW QUESTION: 4

A default network policy is applied to all router interfaces associated with network ports.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 5

An Alcatel-Lucent 7750 SR receives a route from an iBGP peer with a MED value of 500. What MED value is sent to eBGP peers?

- A. 100
- B. The IGP cost
- C. None
- D. 500

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

The operation of a VPLS can be best described by which of the following statements?

- A. A frame should be sent to the PE that connects to the target site whenever possible.
- B. A frame should be flooded as little as possible.
- C. Customer frames should be switched based on the destination MAC address.
- D. All of the above.
- E. Only (a) and (b) are true.

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

NEW QUESTION: 7

A queue is configured with the following attributes:

MBS = 10KB

CBS = 5KB

High-Priority-Only = 30%

Assume that there is no CBS overbooking and that the slope-policy is disabled. If the current queue depth is 8KB, what will happen to an in-profile packet arriving in the queue?

- A. It will be queued in the shared portion of the buffer pool but may be dropped if the buffer utilization exceeds the start-average value of the low slope.
- B. It will be queued in the shared portion of the buffer pool but contend for shared buffer space with packets from other queues.

- C. It will be queued but re-marked as "out-of-profile."
- D. It will be queued in the reserved portion of the buffer pool and remain "in-profile."
- E. It will be discarded because the high-priority-only threshold is exceeded.

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

NEW QUESTION: 8

Which of the following about a single-homed AS is FALSE?

- A. A single-homed AS can be either transit or non-transit
- B. A single-homed AS is also known as a leaf AS.
- C. A single-homed AS is also known as a stub AS.
- D. A single-homed AS uses either the ISP AS number or a private AS number.

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

NEW QUESTION: 9

Which of the following regarding the atomic aggregate attribute is TRUE?

- A. It is an optional transitive attribute.
- B. The atomic aggregate flag is always set if the AS Path information is lost due to aggregation.
- C. It is an optional non-transitive attribute.
- D. The atomic aggregate flag is always set if the aggregator attribute is set.

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

NEW QUESTION: 10

Which of the following commands may be used on an Alcatel-Lucent 7750 SR to display a network exported locally to BGP on the originating router? (Choose two)

- A. Show router bgp routes
- B. Show router bgp neighbor <neighbor ip> advertised-routes
- C. Show router bgp routes prefix <prefix>
- D. Show router bgp routes <prefix> self-originated
- E. Show router bgp routes <prefix> hunt

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

NEW QUESTION: 11

In a VPRN the PE device is configured to run which of the following protocols? (Choose three.)

- A. MPLS for exchanging labels with the CE devices
- B. Targeted LDP for exchanging VPRN labels with other PE devices
- C. MP-BGP for exchanging customer routes with other PEs
- D. MPLS for exchanging labels with other provider core devices
- E. A label signaling protocol for defining transport tunnels between PE and CE devices
- F. A routing protocol for exchanging customer routes with the CE

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

NEW QUESTION: 12

Which of the following statements about a management VPLS are true? (Choose 2)

- A.** The management VPLS must be created before the user VPLS.
- B.** The state of a spoke-SDP within a user VPLS will take on the state of the spoke-sdp within the management VPLS.
- C.** A management VPLS carries customer traffic over the non-blocking spoke-SDP
- D.** A VPLS service must be defined as a management VPLS upon creation to take on the role of a management VPLS

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

NEW QUESTION: 13

For the inter-AS model C VPRN, which of the following is FALSE when an IP packet is sent from 192.1.1.1 to 192.2.1.1?

- A.** PE2 pops two labels and forwards the unlabeled packet to its destination.
- B.** PE1 pushes three labels on the IP packet: a VPN label, a BGP label, and an LDP transport label.
- C.** ASBR2 pops the BGP label and pushes an LDP transport label.
- D.** ASBR1 pops the LDP and BGP labels and swaps the VPN label.

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

NEW QUESTION: 14

Which of the following is NOT a viable option when implementing inter-AS VPRN?

- A.** MP-eBGP exchange of VPN-IPv4 routes between PEs residing in different autonomous systems.
- B.** MP-eBGP exchange of VPN-IPv4 routes between ASBRs residing in different autonomous systems.
- C.** MP-eBGP exchange of labeled IPv4 routes between route reflectors residing in different autonomous systems.
- D.** A VRF-to-VRF connection at the autonomous system border routers.

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

NEW QUESTION: 15

An update travels from AS 137000 to AS 135000, traversing both 32-bit and 16-bit AS Paths.

What AS Path is seen by AS 200?

- A.** 200 140000 137000
- B.** 137000 140000
- C.** 23456 23456
- D.** 140000 137000

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

NEW QUESTION: 16

Which of the following statements about Spanning Tree Protocol is true?

- A.** For the switches that are non-root or designated switches, the port with the highest combined cost to the root is the root port.
- B.** All of the above.
- C.** In the case where two switches have the same priority, the switch with the lowest MAC address becomes the root.
- D.** The switch port that is the greatest distance from the LAN to the root is the designated port.

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

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NEW QUESTION: 17

What is the default remote-age timer of a B-VPLS?

- A.** The same timer is used in all VPLS types.
- B.** The same timer as an I-VPLS.
- C.** Lower than the default timer of an I-VPLS.
- D.** Higher than the default timer of an I-VPLS.

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

NEW QUESTION: 18

Which command will display the Route Target associated to a specific prefix on an Alcatel-Lucent 7750 SR?

- A.** Show router bgp routes <prefix> detail
- B.** Show router route-table
- C.** Either (b) or (d)
- D.** Show router bgp routes
- E.** Show router <service-id> route-table

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

NEW QUESTION: 19

Which of the following statements relating to VPLS is false?

- A. With an IP/MPLS infrastructure, service providers can provide multiple VPLS services over a common IP/MPLS infrastructure.
- B. A VPLS on a single node requires a SDP.
- C. The VPLS switches traffic based on MAC address associated to the appropriate SAP.
- D. A VPLS allows multiple customer sites to be connected in a single bridged domain.
- E. A VPLS is a multipoint Layer 2 service.

Answer: (SHOW ANSWER)

NEW QUESTION: 20

Click the exhibit button below. Given the scheduler-policy (below), how much bandwidth can the best-effort traffic receive (PIR and CIR) when the ingress rate of each queue is 10Mbps?

- A. PIR = 10Mbps, CIR = 1Mbps
- B. PIR = 1.25Mbps, CIR = 1.25Mbps
- C. PIR = 4Mbps. CIR = 1Mbps
- D. PIR = 5Mbps, CIR = 1.25Mbps
- E. PIR = 1Mbps, CIR = 1 Mbps

Answer: E (LEAVE A REPLY)

NEW QUESTION: 21

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 22

What configuration is required on the CE device when using MC-LAG?

- A. The CE must be an Alcatel-Lucent 7750 SR
- B. There is no configuration required on the CE
- C. The CE must be configured with an MC-LAG to both PE devices.
- D. The CE must be configured with LACP in active mode.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 23

For the inter-AS model B VPRN, which of the following is FALSE when CE2 sends an IP packet to 192.168.1.1?

- A. ASBR2 forwards the IP packet with one label to ASBR1.

- B. PE1 forwards an unlabeled IP packet to CE1.
- C. ASBR1 forwards the IP packet with two labels to PEL
- D. PE2 pushes one label on the IP packet and forwards it to ASBR2.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 24

The command "send flush-on-failure" has been enabled within a VPLS instance. What does the PE do upon detection of a SAP failure within the VPLS?

- A. The PE flushes it's local FDB only.
- B. The PE sends an LDP control message that flushes all FDB entries in the VPLS instance that are associated with the PE that detected the failure.
- C. The PE sends an LDP control message that flushes all FDB entries in the VPLS instance.
- D. The PE sends an oam service message that flushes all FDB entries in the VPLS instance.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

An I-VPLS is configured with a service id of 511. What will the value of the I-SID be assuming a default configuration?

- A. The 1-SID will default to 511 .the value of the service-ID .
- B. The 1-SID must be explicitly configured.
- C. The 1-SID only supports a range from 1 to 255.
- D. The I-SID will default to 131582, the value of the service-id + 131071.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

Click on the exhibit below.

Which port will become the alternate port?

- A. Bridge E 1/1/1
- B. Bridge E 1/1/3
- C. Bridge C 1/1/2
- D. Bridge C 2/1/1
- E. Bridge D 1/1/1
- F. Bridge B 1/1/3
- G. Bridge B 1/1/2
- H. Bridge D 1/1/3

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

NEW QUESTION: 27

An Alcatel-Lucent 7750 SR receives two updates for the same route with local preferences 200 and 300, respectively. What local preference is sent to eBGP peers?

- A. 200
- B. 300
- C. None
- D. 100

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

NEW QUESTION: 28

Which of the following statements BEST describes the IntServ model?

- A. Uses the RSVP protocol to create macroflows through a network.
- B. Has the ability to distinguish traffic in 32 different ways.
- C. Has the ability to manually configure forwarding classes through a network.
- D. Uses the RSVP protocol to create microflows through a network.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

What happens to a route that is rejected by an import policy on an Alcatel-Lucent 7750 SR?

- A. The route is moved to the route table, but not to the FIB.
- B. The route is moved to the LOC-RIB, but not marked as a used route.
- C. The route is kept in the RIB-In, but marked as an invalid route.
- D. The route is discarded.

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

NEW QUESTION: 30

In the following diagram, traffic ingressing on SAP 1/2/3:1 will be passed to the layer-2 DPI device for inspection based on a filter policy applied to the ingress of the SAP. What feature should be enabled on SAP 1/2/1:100 and SAP 1/2/2:100 to ensure that incorrect information is not populated in the FDB of VPLS 1?

- A. Learning should be disabled on both SAPs connected to the DPI device to prevent FDB instability
- B. An IP filter should be applied to both SAPs connected to the DPI to prevent FDB instability
- C. A MAC filter should be applied to both SAPs connected to the DPI to limit MAC learning on the port
- D. The SAPs connected to the DPI should be configured with the "discard-unknown" feature to limit MAC learning on the port

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

How do user VPLSs become associated with a management VPLS for redundant spoke-sdp connections?

- A. The association must be defined in the user VPLS service.
- B. The association is done when the user VPLS is associated with the same sdp-id in the management VPLS
- C. The association is based on customer IDs.
- D. The association is based on service IDs.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

What needs to be configured in a VPLS in order to forward customer STP BPDUs transparently?

- A. Spanning tree must be disabled within the VPLS.
- B. Spanning tree BPDUs must be untagged.
- C. Spanning tree BPDUs must be tagged.
- D. Spanning tree must be enabled within the VPLS.

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

NEW QUESTION: 33

In RSTP, an alternate port is on the same switch as a designated Port.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 34

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: ([SHOW ANSWER](#))

NEW QUESTION: 35

Click on the exhibit below.

Based on the following configuration which VLANs will be managed by the management VPLS?

- A. None, this is an invalid configuration
- B. VLANs 1-4094
- C. VLAN 0
- D. There is not enough information provided

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

NEW QUESTION: 36

Router R6 is a route reflector with clients R1, R2, R4 and R5. Router R4 receives three routes from router R6 and is configured with ECMP 3. Given the following BGP configuration on router R4, how many primary and backup paths will be present in router R4's BGP routing table?

- A. Three primary paths,
- B. Two primary paths and one backup path.
- C. One primary path and one backup path.
- D. One primary path and two backup paths.

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

NEW QUESTION: 37

If a packet is marked on a SAP-ingress, it will be remarked at the first network egress point (if remarking is enabled in the network egress policy).

- A. FALSE
- B. TRUE

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

NEW QUESTION: 38

Click the exhibit.

Assume all router-IDs are properly configured, and link-local IPv6 addresses are used to establish the eBGP sessions. Which of the following is the MINIMAL configuration required on router A so that router B can exchange traffic with router D?

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

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

NEW QUESTION: 39

In the diagram below, SAP 1 is put into the blocking state as a result of the spanning tree protocol. What will occur in the VPLS instance if SAP 2 goes down and SAP 1 transitions to the forwarding state? Select the most accurate statement.

- A.** An LDP control message will be sent to all devices in the mesh participating in the VPLS instance. Only MAC addresses associated with the PE that the failure occurred on will be flushed.
- B.** An LDP control message will be sent to all devices in the mesh participating in the VPLS instance. The entire FDB in the VPLS instance will be flushed.
- C.** Stale information will be used within the VPLS instance to forward traffic until the FDB ages out.
- D.** A Spanning Tree BPDU will be sent across the mesh flushing the FDB table in all devices participating in the VPLS instance.

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

NEW QUESTION: 40

Which VPRN type produces the output shown on router R1?

- A.** An extranet VPRN
- B.** APE hub and spoke VPRN
- C.** ACE hub and spoke VPRN
- D.** A full mesh VPRN

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

NEW QUESTION: 41

A service provider is using GRE for his transport tunnel on the Alcatel-Lucent 7750 SR. How can traffic be marked as it traverses the service provider's network? (Choose two)

- A.** Using the EXP bits of the MPLS transport label header.
- B.** Using dot1p bits of the 802.1q Ethernet frame header
- C.** Using the IP precedence bits within the ToS field of the IP packet header.
- D.** Using the CLP bit of the ATM cell header.
- E.** Using DSCP bits within the ToS field of the IP packet header.

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

NEW QUESTION: 42

Click the exhibit button below. Given the slope-policy (below), which of the following statements are TRUE? (Choose two)

- A.** The discard probability slope of an in-profile traffic is steeper than that of an out-of-profile traffic.
- B.** When the shared buffer utilization reaches 55%, both in-profile and out-of-profile packets may be dropped.
- C.** All out-of-profile traffic will be dropped before that of any in-profile traffic.

D. The maximum probability with which an out-of-profile packet can be dropped is higher than that of an in-profile packet.

E. When the shared buffer utilization is at 61%, only in-profile packets are currently in the shared buffer pool.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

An Alcatel-Lucent 7750 SR is configured with a local preference of 250. If it receives a BGP update with a local preference of 500, what local preference is sent to its eBGP peers?

A. 250

B. None

C. 500

D. 100

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

NEW QUESTION: 44

Which of the following statements regarding unicast and multicast frames is true for a traditional layer 2 switch? (Choose 2)

A. If the FDB has an entry for the unicast frame, both unicast and multicast are treated equally.

B. If the FDB is empty, unicast and multicast frames are treated equally.

C. Unicast frames only forward out ports that have a known receiver.

D. Multicast frames only forward out ports that have a known receiver.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

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 C

B. Option D

C. Option A

D. Option B

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

NEW QUESTION: 46

An MC-LAG is configured with default parameters. When a failed interface recovers, the active link reverts to the restored interface.

A. FALSE

B. TRUE

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

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NEW QUESTION: 47

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 router R6 is configured with "advertise-external", what is the expected output of "show router bgp routes" when executed on router R5?

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

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

NEW QUESTION: 48

A Carrier Supporting Carrier (CSC) VPRN is configured for a customer carrier who is an Internet Service Provider (ISP). Which of the following about route distribution is FALSE?

- A. The global routing table of PE1 includes PE2's system address.
- B. The VRF 10 on CSC-PE2 includes CE1'S address.
- C. The global routing table of PE2 includes CE1's address.
- D. The VRF 10 on CSC-PE1 includes PE1 and PE2's system addresses.

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

NEW QUESTION: 49

Choose the answer that best completes the following sentence. The CE device is typically configured with _____.

- A. MPLS for exchanging labels with other CE devices
- B. A routing protocol for exchanging routes with the internal customer routers and a routing protocol for exchanging routes with the PE
- C. MPLS and a routing protocol for the exchange of labels and routes with the PE
- D. MP-BGP to exchange routes with the PE
- E. A single routing protocol for exchanging routes with both the internal customer routers and with the PE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

Which of the following VPRN label allocation methods are supported by the Alcatel-Lucent 7750 SR?

- A. All of the above
- B. One label per VRF
- C. B and C
- D. A and C
- E. One label per VRF per route
- F. One label per VRF per next-hop

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

NEW QUESTION: 51

Which of the following commands would correctly configure the confederation AS number as 65200 with a member AS of 65202?

- A. config>router>bgp= confederation 65202 members 65200
- B. config>router>bgp= confederation 65200 members 65202
- C. config>router- confederation 65200 members 65202
- D. config>router= confederation 65202 members 65200

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

NEW QUESTION: 52

A packet is to be encapsulated inside an MPLS tunnel which consists of two MPLS headers at the first network egress. Which of the MPLS EXP fields will be marked?

- A. The EXP field in the bottom MPLS header will be marked.
- B. Neither the top nor the bottom EXP field will be marked since EXP remarking can only be done on the network ingress.
- C. The EXP field in the top MPLS header will be marked.
- D. The EXP field in both the top and bottom MPLS headers will be marked.
- E. For Layer 2 services, the top MPLS header will be marked; for Layer 3 services, the bottom MPLS header will be marked.

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

NEW QUESTION: 53

Click the exhibit button below. A service provider has applied the SAP-ingress policy configuration below on his customer's SAP. The service provider notices that all of the customer's traffic is being dropped at the SAP-ingress. Which of the following actions can resolve the problem, if applied on its own? (Choose three)

- A. Set the traffic classification of packets to in-profile.
- B. Set the high-priority-only value to 0.

- C. Set queue 3 to use priority mode.
- D. Set the CIR of queue 3 to a non-zero value corresponding to the customer's expected bandwidth requirements.
- E. Map AF traffic to queue 1

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

NEW QUESTION: 54

Router R1 is advertising prefix 192.168.1.0/27 with community "no-export. Which routers will receive an update for that prefix?

- A. Router R2 only.
- B. Routers R2, R3 and R4 only.
- C. Routers R2 and R3 only.
- D. Routers R2, R3, R4 and R5.

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

NEW QUESTION: 55

Which of the following statements about the VC-ID is false?

- A. There is a vc-id to vc-label mapping.
- B. The vc-id has point to point significance.
- C. The vc-id is part of the data plane encapsulation.
- D. The vc-id is signaled in the control plane.

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

NEW QUESTION: 56

VPN-IPv4 addressing is made unique by defining an address structure consisting of:

- A. A 64-bit Route Target followed by a 32-bit IPv4 address.
- B. A 32-bit Route Target followed by a 32-bit IPv4 address.
- C. A 32-bit Route Distinguisher followed by a 32-bit IPv4 address.
- D. A 64-bit Route Distinguisher followed by a 32-bit IPv4 address.

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

NEW QUESTION: 57

In a provider core consisting of 6 PE and 4 P routers, what is the minimum number of BGP sessions required in total for correct operation of VPRN services?

- A. 5
- B. 10
- C. 15
- D. 45
- E. 0

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

NEW QUESTION: 58

Which of the following is NOT a goal of BGP routing policies?

- A. To optimize ingress and egress traffic patterns to best serve the users of the AS.
- B. To protect the local AS and other external ASs from bad NLRI.
- C. To communicate the architecture of an AS to external ASs.
- D. To protect external networks from instability.

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

NEW QUESTION: 59

Redundant spoke-SDPs are used between 2 Metro networks for redundancy. How can load balancing be achieved across the redundant spoke-SDPs?

- A. A single management VPLS using RSTP can be used to block different SDPs for different VPLS services.
- B. A single management VPLS using 802.1D-2004 can be used to block different SDPs for different VPLS services
- C. There is no way to have load balancing across redundant spoke-SDPs.
- D. Two management VPLS using RSTP can be used to block different SDPs for different VPLS services.

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

NEW QUESTION: 60

What are the benefits of a hierarchical VPLS architecture? (Choose 3)

- A. Reduces replication and bandwidth utilization from the MDU device to the core network
- B. Easier to manage
- C. Reduces the FDB size within a VPLS instance
- D. Reduces the routing table size
- E. Increases scalability

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

NEW QUESTION: 61

Which of the following is the minimum requirement for an AS to be considered multi-homed?

- A. A single connection to a single service provider.
- B. Multiple connections to different service providers.
- C. Two connections to two different service providers.
- D. Two connections to a single service provider.

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

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NEW QUESTION: 62

What is the maximum number of VLANs supported on a traditional Layer 2 switch?

- A. 131071
- B. 32768
- C. 8190
- D. 4094

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

NEW QUESTION: 63

How is the Primary Bridge chosen in a VPLS?

- A. The PE devices participating in the VPLS mesh determine which bridge is closest to Root Bridge. This bridge becomes the Primary Bridge.
- B. The PE devices participating in the VPLS mesh run a separate Spanning Tree instance in the Core. The Primary Bridge is the Root Bridge for the VPLS mesh.
- C. The PE devices participating in the VPLS mesh determine which bridge is the Root Bridge. This becomes the Primary Bridge.
- D. The PE devices participating in the VPLS mesh determine which bridge has the lowest bridge-ID . This bridge becomes the Primary Bridge.

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

NEW QUESTION: 64

VPN-IPv4 addressing is made unique by defining an address structure consisting of:

- A. A 32 bit IPv4 address followed by a 64 bit Route Distinguisher
- B. A 32 bit IPv4 address followed by a 64 bit Route Target
- C. A 64 bit Route Distinguisher followed by a 32 bit IPv4 address
- D. A 64 bit Route Target followed by a 32 bit IPv4 address
- E. A 32 bit Route Distinguisher followed by a 32 bit IPv4 address FA 32 bit Route Target followed by a 32 bit IPv4 address

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

NEW QUESTION: 65

For the inter-AS model A VPRN shown, which of the following about the route advertisement of 192.168.1.0/27 is FALSE?

- A. PE1 advertises 64496:1:192.168.1.0/27 route update to ASBR1.
- B. ASBR2 advertises 64497:1:192.168.1.0/27 route update to PE2.
- C. PE2 advertises 192.168.1.0/27 route update to CE2.
- D. ASBR1 advertises 64496:1:192.168.1.0/27 route update to ASBR2.

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

NEW QUESTION: 66

For the inter-AS model B VPRN, which of the following is the correct BGP configuration on ASBR1?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

An extranet VPRN is configured on Alcatel-Lucent 7750 SRs. On which router(s) should the displayed configuration be applied?

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

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

NEW QUESTION: 68

How does PBB forward broadcast, unknown-unicast and multicast traffic from a B-VPLS to an I-VPLS?

- A. The receiving PE checks the I-SID in the I-TAG to determine if there is a local I-VPLS on the node.
- B. The receiving PE checks the I-TAG in the I-SID to determine if there is a local I-VPLS on the node.
- C. The receiving PE checks the service label in the mpls header to determine if there is a local I-VPLS on the node.
- D. The receiving PE checks the multicast B-DA to see if an I-SID has been mapped to the B-DA that matches a local I-VPLS on the node.

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

NEW QUESTION: 69

When allocating scheduling resources, which of the following statements BEST describes how the egress port scheduler allocates bandwidth?

- A.** The egress port scheduler takes the ratio of requested bandwidth to total bandwidth request from all children. It allocates bandwidth fairly, using these percentages and not exceeding the egress interface speed.
- B.** The egress port scheduler will limit the bandwidth offered to the egress port based on the over-subscription factor, provisioned under the router interface, while using a WRR scheduler for the remaining bandwidth.
- C.** The egress port scheduler will use the Russian Dolls Method to allocate bandwidth to each level of requested bandwidth. HPO-Only is automatically set to 100%, allowing only high priority traffic to be buffered during congestion.
- D.** The egress port scheduler allocates bandwidth based on a WRR distribution method that takes into account the CIR and PIR requested at each level and the max speed, either default or configured, on egress.
- E.** The egress port scheduler allocates bandwidth on a first come, first served distribution method that takes into account the total CIR and PIR requested at each level and the max PIR requested from a single level.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

For the data packets in a VPRN, how is the inner label in an MPLS packet signaled?

- A.** Signaled via RSVP and LDP and used to identify the customer VPRN
- B.** Signaled via RSVP and LDP and used to identify the egress PE.
- C.** Signaled via MP-BGP and used to identify the customer VPRN
- D.** Signaled via T-LDP and used to identify the customer VPRN
- E.** Signaled via MP-BGP and used to identify the egress PE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 71

Which of the following about the configuration of an inter-AS model C VPRN is FALSE?

- A.** MP-eBGP sessions must be configured between the ASBRs.
- B.** MP-iBGP sessions must be configured between the PE routers in each AS.
- C.** LDP must be configured in each AS.
- D.** The ASBRs must be configured with "enable-inter-as-vpn".

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

NEW QUESTION: 72

In which of the following scenarios is the egress port scheduler useful? (Choose two)

- A.** A commercial builder has requested numerous dot1Q epipes, VPRNs, and VPLS services to a business park and is only paying up to a maximum 200Mbps.
- B.** An equipment manufacturer has requested a NULL pipe service that will transparently pass dot1Q between the new location and national headquarters.

C. A customer is complaining that his VoIP traffic is being dropped even though it is sending the correct DSCP markings. Packets are being dropped on ingress.

D. A customer is complaining that his VoIP traffic is being dropped even though it is sending the correct DSCP markings. Packets are not being dropped on ingress.

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

NEW QUESTION: 73

Which of the following is TRUE if the state of one BGP neighbor shows Active?

A. The neighbor will send a Keepalive message.

B. The router is actively exchanging updates with that neighbor.

C. The router received an Open message with the correct parameters.

D. The router is trying to initiate a TCP connection to that neighbor.

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

NEW QUESTION: 74

IEEE 802.3ah frames must be untagged.

A. TRUE

B. FALSE

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

NEW QUESTION: 75

A Carrier Supporting Carrier (CSC) VPRN is configured on an Alcatel-Lucent 7750 SR for a customer carrier who is an Internet Service Provider (ISP). Which of the following configuration steps is NOT required?

A. Configuring iBGP sessions between PEs residing in different customer carrier sites,

B. Configuring a CSC VPRN on each CSC-PE with a SAP interface towards the attached CSC-CE

C. Configuring an IES service on PEL

D. Configuring a policy on each CSC-CE to advertise local PE addresses to the network provider.

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

NEW QUESTION: 76

Given the following output what is the most likely reason the SDP binding is operationally down? (Choose 2)

A. The vc-id is different on the far-end.

B. The sdp id is different on the far-end.

C. There is an MTU mismatch.

D. The mesh-sdp is administratively shutdown on PEL

E. The mesh-sdp is missing on the far-end.

F. LDP is disabled on the far-end.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 77

One of the shortcomings of Spanning Tree Protocol (STP) is that it computes a valid, but not necessarily optimal, path between nodes within a network.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 78

For the inter-AS model C VPRN, which router is configured as shown?

- A. ASBR2
- B. PE1
- C. ASBR1
- D. RR1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 79

What is the 6-bit binary representation of DSCP value AF21?

- A. 010011
- B. 010010
- C. 001100
- D. 010001
- E. 100010

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

NEW QUESTION: 80

Why is MAC explosion a factor to be considered when designing a large VPLS network?
(Choose 2)

- A. If the FDB reaches the limit, the router will discard frames.
- B. The time to relearn thousands of MAC addresses may result in excessive flooding or loss of packets.

C. It could take several seconds to relearn thousands of MAC addresses denying QoS/SLA guarantees.

D. Discarding frames when the FDB limit is reached could deny SLA guarantees.

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

NEW QUESTION: 81

What is PBB also known as?

A. H-VPLS

B. IEEE 802.lag

C. MAC aggregation

D. MAC-in-MAC

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

NEW QUESTION: 82

Click the exhibit button below. Given that the slope-policy (below) has been enabled and applied on a network port, which of the following statements are TRUE? (Choose three)

A. When the shared buffer utilization reaches 51%, in-profile packets might be dropped.

B. The time average factor of 0 will discard all packets arriving in the shared buffer pool.

C. All out-of-profile traffic will be dropped before any in-profile is dropped.

D. The highest probability with which an out-of-profile packet can be dropped is 20%.

E. When an in-profile packet arrives and the shared buffer utilization is at 69%, the packet will have approximately a 60% likelihood of being discarded.

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

NEW QUESTION: 83

Which of the following is a true statement?

A. The higher the age-time, the greater the amount of flooding.

B. There is no relationship between the age-time and the amount of flooding.

C. The lower the age-time, the lower the amount of flooding.

D. The lower the age-time, the greater the amount of flooding

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

NEW QUESTION: 84

What kind of attribute is the aggregator?

A. Optional non-transitive

B. Well-known mandatory

C. Optional transitive

D. Well-known discretionary

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

NEW QUESTION: 85

The policies shown below from the configuration of an Alcatel-Lucent 7750 SR have been created to implement an Extranet VPRN between the main sites of two separate VPRNs. How should these policies be applied?

- A.** ample Policy 3 should be applied as an export policy on both PEs connected to the main site of Customer 1 and the main site of Customer 2
- B.** ample Policy should be applied as an export policy on the PE connected to the main site of Customer 1
- C.** ample Policy 3 should be applied as an export policy on the PE connected to the main site of Customer 2
- D.** ample Policy should be applied as an export policy on both PEs connected to the main site of Customer 1 and the main site of Customer 2
- E.** ample Policy should be applied as an export policy on all PEs connected to sites of Customer 1

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

NEW QUESTION: 86

In a VPRN that uses MPLS transport tunnels, which of the following statements about P devices is TRUE?

- A.** P devices must be aware of the VPRNs.
- B.** P devices must support MP-BGP.
- C.** P devices are not required to be MPLS-enabled.
- D.** P devices participate in service provider core routing.

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

NEW QUESTION: 87

Without _____, a customer's high priority traffic can be dropped before its low priority traffic.

- A.** prioritization of traffic flows
- B.** separation between the data plane and the control plane
- C.** packet filtering
- D.** OAM functionality
- E.** least cost routing

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

NEW QUESTION: 88

Which of the following statements regarding BGP route selection is TRUE?

- A.** Lower BGP router ID is preferred over higher BGP router ID .
- B.** Higher MED is preferred over lower MED
- C.** Higher origin code is preferred over lower origin code.
- D.** Lower local preference is preferred over higher local preference.

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

NEW QUESTION: 89

Why are provisioning requirements a factor that influence VPLS design? (Choose 2)

- A. Adding or removing a node may require several network touches.
- B. Adding or removing a service may require several network touches.
- C. Provisioning is a factor for all Ethernet services.
- D. Adding or removing a SAP may require several network touches.
- E. Adding or removing an Epipe may require several network touches.

Answer: (SHOW ANSWER)

NEW QUESTION: 90

Which of the following statements regarding BGP shortcuts is FALSE?

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 91

Which of the following statements regarding BGP FRR is FALSE?

- A. The router must receive several BGP routes to compute a backup path.
- B. BGP FRR can be triggered by BFD
- C. BGP peer-tracking can be used to improve BGP FRR failure detection times.
- D. The backup path can use the same next hop as the primary path.

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 92

Click the exhibit button below. A network operator has configured a network-queue policy to map forwarding classes to queues, as shown in the exhibit below. Based on the default scheduling behavior of the Alcatel-Lucent 7750 SR, in which order will packets be serviced?

- A. In-profile EF, H2 and AF packets, then out-of-profile H2, AF and BE packets in biased round-robin.
- B. In-profile EF packets, then in-profile H2 and AF packets, then out-of-profile H2, AF and BE packets in biased round-robin.
- C. In-profile EF and H2 packets, then in-profile AF packets, then out-of-profile H2, AF and BE packets in biased round-robin.
- D. All in-profile packets in round-robin, then all out-of-profile packets in biased round-robin.
- E. In-profile EF packets, then in-profile H2 packets, then in-profile AF packets, then out-of-profile EF packets, then out-of-profile H2 and AF packets, and then out-of-profile BE packets.

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

NEW QUESTION: 93

AS 65550 owns the CIDR block 10.64.0.0/12. Router R4 advertises the aggregate 10.64.0.0/12 to AS65540. Which of the following is TRUE regarding the aggregate route advertisement?

- A. The aggregator attribute will not be present, and the atomic aggregate flag will not be set.
- B. The aggregator attribute will be present, and the atomic aggregate flag will not be set.
- C. The aggregator attribute will be present, and the atomic aggregate flag will be set.
- D. The aggregator attribute will not be present, and the atomic aggregate flag will be set.

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

NEW QUESTION: 94

Click the exhibit.

When configuring a VPRN service on an Alcatel-Lucent 7750 SR, where should the policy be applied?

- A. On the PE under the BGP context
- B. On the PE under the OSPF context
- C. On the CE under the OSPF context
- D. This policy is not required.
- E. On the CE under the BGP context

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

NEW QUESTION: 95

Which of the following about inter-AS model C VPRN is FALSE?

- A. ASBRs exchange labeled IPv4 routes for the system addresses of PE routers.
- B. VPN-IPv4 routes are neither maintained nor distributed by the ASBRs.
- C. It requires a route reflector to be configured in each AS for successful operation.
- D. PE routers in different ASes exchange VPN-IPv4 routes directly between each other using MP-eBGP.

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

NEW QUESTION: 96

Click the exhibit button below. A network operator has configured the SAP-ingress policy below. Ping traffic is expected in queue 3. However, the network operator notices that all traffic is placed in queue 1. What is the most probable reason for this?

- A. The default forwarding class for all traffic, including ICMP, is BE, which is placed in queue 1.
- B. Queue 3 has no rate or CIR configured and thus cannot hold any packets.
- C. The SAP has been shut down.
- D. The SAP-ingress policy has not been applied to the SAP.
- E. The IP-match criteria has been misconfigured for ICMP traffic.

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

NEW QUESTION: 97

MAC explosion is best described as a large amount of MAC addresses being withdrawn and relearned?

- A. TRUE
- B. FALSE

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

NEW QUESTION: 98

MC-LAG provides link and node protection from an MDU to 3 or more PE devices.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 99

What is the purpose of the Route Distinguisher?

- A. It defines the VPN membership
- B. It is used to make IPv4 addresses unique
- C. It defines which routes are exported from the vrf
- D. It defines which routes are imported into the vrf
- E. It is used as the VPN label

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

What scaling factors should a network engineer be aware of when designing VPLS networks? (Choose 3)

- A. OAM tools.
- B. Control plane scaling.

- C. Data plane scaling.
- D. Route table reduction.
- E. Network touches.

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

NEW QUESTION: 101

An advantage of using BGP as the PE-CE protocol is that route policies are no longer required to control the exchange of routes from BGP to MP-BGP.

- A. True
- B. False

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

NEW QUESTION: 102

Assuming the network is IPv6 only, which of the following configurations on the Alcatel-Lucent

7750 SR router A can establish an IPv6 BGP session to router B?

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

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

NEW QUESTION: 103

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 104

A CE hub and spoke VPRN has two spoke sites; which of the following would be the best option to implement this topology at the hub site PE?

- A. One VPRN, one route distinguisher, and two route targets
- B. Two VPRNs, one route distinguisher, and three route targets
- C. Two VPRNs, two route distinguishers, and three route targets
- D. One VPRN, two route distinguishers, and three route targets

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 105

Given that ISP 1 and ISP 2 are Tier 2 providers, and that ISP 3 and ISP 4 are Tier 1 providers, what is the most likely relationship between ISP 1 and the other ISPs?

- A. ISP 1 has a transit relationship with ISP 2 and a peering relationship with ISP 3.
- B. ISP 1 has a peering relationship with ISP 2 and a transit relationship with ISP 3.
- C. ISP 1 has a peering relationship with ISP 2 and ISP 3.
- D. ISP 1 has a transit relationship with ISP 2 and ISP 4.
- E. ISP 1 has a peering relationship with ISP 2 and ISP 4.

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

NEW QUESTION: 106

Which of the following about the configuration of BGP Site of Origin (SoO) is TRUE?

- A. Each PE must implement a policy to apply a unique SoO attribute to the set of routes received from each customer site.
- B. Import and export policies are applied on the PEs under the global BGP context.
- C. A different BGP extended community is used on each PE that connects to a single site.
- D. An import policy on the PE rejects a route if the attached SoO matches the configured value.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 107

Which of the following regarding the connections between eBGP peers is TRUE?

- A. eBGP peers are managed under a single administration.
- B. eBGP peers are usually directly connected to each other.
- C. eBGP peers typically use system addresses for session establishment.
- D. eBGP peers do not propagate updates learned via iBGP.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 108

Which of the following organizations would an ISP based in Europe approach for an IP prefix assignment?

- A. ARIN
- B. ICANN
- C. APNIC
- D. LACNIC
- E. RIPE NCC

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

NEW QUESTION: 109

Assuming that as-override has been used, which of the following statements describes the most likely location of prefix 10.1.2.0/24, based on the output from an Alcatel-Lucent 7750 SR shown below?

- A. There may be two or more Autonomous Systems between the local AS and the AS that originated the prefix
- B. There is a single Autonomous System between the local AS and the AS that originated the prefix
- C. It is located in Autonomous System 65100
- D. There are two Autonomous Systems between the local AS and the AS that originated the prefix
- E. It is located in an Autonomous System directly connected to this router

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

NEW QUESTION: 110

BGP is configured on two peers, routers A and B. Router A is configured with a Hold Time timer of 60 seconds and a Keepalive timer of 25 seconds. Router B is configured with a Hold Time timer of 90 seconds and a Keepalive timer of 70 seconds. What will the active Keepalive timer be on router B?

- A. 70 seconds
- B. 25 seconds
- C. 30 seconds
- D. 20 seconds

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

NEW QUESTION: 111

What is the MTU impact on the SDP path-mtu if fast reroute, one-to-one mode is implemented on the LSP?

- A. There will be no impact on the path-mtu.
- B. The path-mtu will increase by 8 bytes.
- C. The path-mtu will decrease by 8 bytes.
- D. The path-mtu will increase by 4 bytes.
- E. The path-mtu will decrease by 4 bytes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 112

Click the exhibit.

Assuming a full iBGP mesh in ISP 1, how does router R1 in ISP 1 handle a BGP update received from ISP 2?

- A. The update is sent to routers R2 and R3 in ISP 1, and to router R3 in ISP 2.
- B. The update is sent to router R2 in ISP 1.
- C. The update is sent to all routers in ISP 1.
- D. The update is sent to routers R2 and R3 in ISP 1.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

In a Carrier Supporting Carrier (CSC) VPRN, which of the following is a benefit to the network provider?

- A. The solution scales as the number of serviced customer carriers increases.
- B. The solution scales as the number of VPNs offered by the customer carriers increases.
- C. No need to build and maintain its own backbone.
- D. The ability to manage end-customer services.

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

NEW QUESTION: 114

A confederated AS is comprised of three members. One member is comprised of 4 routers, while the other two members are comprised of 3 routers each. Assuming member ASs are fully meshed and use full mesh iBGP, what is the required number of BGP sessions within the confederation?

- A. 12
- B. 13
- C. 15
- D. 14

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

NEW QUESTION: 115

Which of the following are major components of QoS functionality on the Alcatel-Lucent 7750 SR? (Choose three)

- A. Traffic scheduling
- B. Microflow reservations using RSVP
- C. Buffer memory management
- D. DSCP to EXP translation
- E. Automatic profiling and policy configuration
- F. Traffic classification

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 116

What of the following is a key benefit of Active/Standby pseudowires?

- A. The MDU does not need to support MPLS.
- B. Does not require the use of a layer 2 loop prevention protocol such as RSTP
- C. The MDU does not have to be aware of the active/standby configuration
- D. Can be used in ring networks of 4 or more nodes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 117

What kind of BGP attribute is the Local Preference?

- A. Well-known mandatory attribute.
- B. Optional transitive attribute.
- C. Well-known discretionary attribute.
- D. Optional non-transitive attribute.

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

NEW QUESTION: 118

On the Alcatel-Lucent 7750 SR, which of the following QoS-related policies can be configured on a SAP? (Choose three)

- A. The SAP-egress policy
- B. The slope-policy
- C. The scheduler-policy
- D. The SAP-ingress policy
- E. The network-queue policy

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

NEW QUESTION: 119

Click on the exhibit below.

Assume PE-1 has a mesh-sdp configured to every PE node in both Metro networks. What could be done to prevent the bandwidth replication between Metro 1 and Metro 2?

- A. PE-1 must be configured with mesh-SDPs to every node receiving the multicast traffic. There is no way to reduce the replication or bandwidth.
- B. PE nodes in Metro 1 could be configured with mesh-SDPs. PE nodes in Metro 2 would be configured with mesh-SDPs. However, the connection between Metro networks (PE-2 to PE-6) can be configured with a spoke-sdp. This would reduce the replication and bandwidth used on the link between Metro networks. This also reduces the replication required by PE-1.
- C. PE-1 can be configured with spoke-SDPs to every PE node in both Metro networks. This will reduce the bandwidth and replication within the network.

D. PE nodes in Metro 1 could be configured with spoke-SDPs. PE nodes in Metro 2 would be configured with spoke-SDPs. However, the connection between Metro networks (PE-2 to PE-6) can be configured with a mesh-sdp. This would reduce the replication and bandwidth used on the link between Metro networks. This also reduces the replication required by PE-1.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 120

Which command is used to generate the output from an Alcatel-Lucent 7750 SR shown below?

- A. Show service 3 base
- B. Show service id 3 detail
- C. Show service id 3
- D. Show service 3 detail
- E. Show service 3
- F. Show service id 3 base

Answer: (SHOW ANSWER)

NEW QUESTION: 121

Which of the following needs to be considered when designing Ethernet networks with redundancy?

- A. Processing the TTL takes extra time.
- B. Requires a protocol to remove loops.
- C. MAC learning rate is doubled.
- D. FDB size is doubled.

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 122

For the inter-AS model C VPRN, which of the following statements about a data packet sent from CE1 to CE2 is TRUE?

- A. PE1 sends the data packet with three labels: the bottom label is a service label, the middle label is a BGP label, and the top label is an LDP label.

- B.** ASBR2 sends the data packet with three labels: the bottom label is a service label, the middle label is a BGP label, and the top label is an LDP label.
- C.** ASBR1 sends the data packet with one label: the BGP label.
- D.** ASBR1 sends the data packet with one label: the service label.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 123

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

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

NEW QUESTION: 124

Which of the following describes the scope of the IEEE 802.3ah EFM standard? (Choose 3)

- A.** Monitor and troubleshoot a point-to-point full-duplex link.
- B.** Can be used at the core to trigger MPLS protection mechanisms when a physical failure detection is not possible.
- C.** Should not be used at the core to trigger MPLS protection. BFD is the only method that can be used when physical failure detection is not possible.
- D.** Monitor and troubleshoot end-to-end services.
- E.** Valuable in the last-mile connection to the Service Provider demarcation device.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 125

Which of the following is not an available option for Route Distinguisher assignment?

- A.** One Route Distinguisher per VRF per site
- B.** One Route Distinguisher per VPN
- C.** One Route Distinguisher per VRF
- D.** One Route Distinguisher per VRF route

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 126

Click the exhibit button below.

All interfaces are using their default trust states and MPLS is used as the transport tunnel. The SAP-ingress, SAP-egress, and network QoS policies have been configured as shown below. Assume that the default network-queue policy is used on each router.

At router PE 1, customer traffic is arriving marked with DSCP BE and tagged with a dot1p value of 3.

Based on the configuration shown below for the VPRN service, what will be the DSCP and dot1p marking for the packet egressing at router PE 2? (Choose two)

- A. The DSCP value will be set to af 12.
- B. The dot1p value will be set to 5.
- C. The DSCP value will be set to af 23.
- D. The DSCP value will be set to af 21.
- E. The dot1p value will be set to 3.
- F. The dot1p value will be set to 2.
- G. The DSCP value will be set to be.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 127

Based on the displayed configuration, which routes does PE3 place in the VPRN 10 routing table?

- A. The routes learned from CE3 and PE1.
- B. The route learned from CE3 only.
- C. The routes learned from CE3 and PE2.
- D. The routes learned from PE1 and PE2.

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

NEW QUESTION: 128

Which of the following statements best describes the BGP sessions within the given network?

- A. The session between AS 65204 and AS 65206 is an intra-confederation eBGP session.
- B. The BGP sessions within the member ASs are known as inter-confederation BGP sessions.
- C. The session between AS 65202 and AS 65206 is an iBGP session.
- D. A BGP session is required between AS 65202 and AS 65204.

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

NEW QUESTION: 129

Which of the following statements regarding egress FC and profile over-ride are TRUE? (Choose two)

- A. If a Behavior Aggregate (BA) and Multi-field (MF) match occurs, only the MF override parameters will take effect.
- B. Packets can be classified into 16 different FCs when using priority mode queuing.
- C. If a Behavior Aggregate (BA) and Multi-field (MF) match occurs, the BA classification can override the forwarding class while the MF classification can override the profile.
- D. This feature is available on egress SAPs within any service.

E. MPLS EXP bits can be changed based on multi-field classification.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 130

If the device connected to PE-A in Metro A sends a frame to PE-A that requires replication within the VPLS which devices is PE-A responsible for replicating the frame to?

- A. All of the above
- B. PE-A must replicate the frame to all devices in the Metro A
- C. PE-A must replicate the frame to all PEs within Metro A
- D. PE-A must replicate the frame to all devices participating in the VPLS

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

NEW QUESTION: 131

You are configuring a VPLS spoke termination to a VPRN on an Alcatel-Lucent 7750 SR. If LDP is used for all transport tunnels, what type of sessions are established by the VPRN PE router that is configured with the spoke termination?

- A. T-LDP and LDP sessions with the other VPRN PE routers and LDP sessions with the VPLS PE router
- B. LDP sessions with the other VPRN PE routers and the VPLS PE router
- C. T-LDP and LDP sessions with the other VPRN PE routers and the VPLS PE router
- D. T-LDP sessions with the other VPRN PE routers and the VPLS PE router
- E. LDP sessions with the other VPRN PE routers, and both T-LDP and LDP sessions with the VPLS PE router

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 132

The following question relates to this command syntax: "config>service# vpls 9000 customer 6 create". Which of the following statements are correct? (Choose 2)

- A. The customer-id in this command is 9000.
- B. The vc-id will be 6 for the service by default.
- C. The egress vc-label will be 9000.
- D. The service-id in this command is 9000.
- E. This value 9000 should be unique across the network as a best practice.

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

NEW QUESTION: 133

A Carrier Supporting Carrier (CSC) VPRN is configured on an Alcatel-Lucent 7750 SR for a customer carrier who is an Internet Service Provider (ISP). Which of the following configuration steps is NOT required?

- A. Advertising the received system addresses of remote PEs using either iBGP or IGP/LDP within each customer carrier site.

B. Configuring labeled iBGP sessions between PEs residing in different customer carrier sites.

C. Configuring a policy on each CSC-CE to advertise local PE addresses to the network provider.

D. Configuring labeled eBGP sessions between CSC-CE and CSC-PE routers.

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

NEW QUESTION: 134

Which of the following parameters does NOT have to match for an iBGP session to be successfully established?

A. The Hold Time.

B. BGP version number.

C. The local AS number.

D. Authentication.

Answer: (SHOW ANSWER)

NEW QUESTION: 135

For the inter-AS model A VPRN. BGP is used as the PE-CE routing protocol. Which of the following statements about the control plane operation is TRUE?

A. ASBR1 transforms an IPv4 update for prefix 192.168.1.0/27 to a VPN-IPv4 route; allocates VPN label V1 and sends the update to ASBR2.

B. PE1 sends an IPv4 update for prefix 192.168.1.0/27 via MP-BGP to ASBR1.

C. ASBR2 accepts a VPN-IPv4 update from ASBR1, then sends the update to PE2 via MP-BGP.

D. ASBR1 sends an IPv4 update for prefix 192.168.1.0/27 to ASBR2.

Answer: (SHOW ANSWER)

NEW QUESTION: 136

On the Alcatel-Lucent 7750 SR, what is a slope policy used for?

A. Defining the slope of the TCP slow-start mechanism for self generated traffic.

B. Defining the high and low slope values when deploying buffer admission control for TCP traffic in the committed buffer pool.

C. Defining the high and low slope values when deploying buffer admission control for UDP traffic in the committed buffer pool.

D. Defining the high and low slope values when deploying buffer admission control for TCP traffic in the shared buffer pool.

E. Defining the slope of the scheduling rate per forwarding class when using HQoS.

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

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NEW QUESTION: 137

Router R1, in AS 65540, has the export policy shown below. It advertises an aggregate route to eBGP peer router R2 in 65550. What is the AS Path of the aggregate route received by router R2?

- A. 65540
- B. 65540 65540
- C. 65540 1
- D. 65550 65540

Answer: (SHOW ANSWER)

NEW QUESTION: 138

What is the purpose of configuring a triggered-policy on an Alcatel-Lucent 7750 SR?

- A. Policy changes are delayed until the peer router with the affected routes reboots.
- B. Policy changes are delayed until the router reboots.
- C. Policy changes are delayed until route updates for affected BGP routes are received from peers.
- D. Policy changes are delayed until BGP sessions are cleared or BGP is reset.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 139

Click the exhibit button below.

Based on the configuration of the network policy (below), what will be the forwarding class associated with a MPLS encapsulated customer packet that arrives on a dot1Q encapsulated network port 1/1/4:1 on P1 with the following characteristics:

EXP value = 6

DSCP value = cs1

Dot1pvalue = 3

- A. EF
- B. H1
- C. H2
- D. L1
- E. L2

Answer: (SHOW ANSWER)

NEW QUESTION: 140

Based on queue usage, which of the following QoS-policies when combined will allow queue rates to be dynamically allocated? (Choose two)

- A. The scheduler-policy
- B. The SAP-ingress policy
- C. The arbitrator-policy
- D. The network-policy
- E. The slope-policy
- F. The network-queue policy
- G. The WRED-policy

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

NEW QUESTION: 141

Which of the following are possible criteria for classifying packets at the SAP-ingress? (Choose three)

- A. The packet's source and destination IP addresses.
- B. The packet's Ethertype.
- C. The service ID of the service to which the SAP belongs.
- D. The dot1p bits in the frame header.
- E. The EXP bits in the MPLS header.

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

NEW QUESTION: 142

The CLI command "remove-private" is configured on PE1 to eliminate BGP loops in the VPRN. For the displayed route, what is the value of the AS-Path field?

- A. 64512 64496
- B. 64512
- C. 64496 64512
- D. 64496

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

NEW QUESTION: 143

When deploying Active/Standby pseudowires, the CE does not require any special configuration

- A. FALSE
- B. TRUE

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

NEW QUESTION: 144

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

- A. 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.
- B. With the same method as 16-bit AS numbers, but using the AS4_Aggregator attribute.
- C. Aggregation is not yet supported with 32-bit AS numbers.
- D. With the same method and attribute as 16-bit AS numbers.

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

NEW QUESTION: 145

When would it be appropriate to use the as-override command?

- A. When the customer site AS number is the same as the provider AS number
- B. When sites of different VPRN customers use different BGP AS numbers
- C. When sites of the same VPRN customer use the same BGP AS number
- D. When sites of the same VPRN customer use different BGP AS numbers
- E. When sites of different VPRN customers use the same BGP AS number

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 146

Which of the following statements is true?

- A. None of the above.
- B. An IP filter can be applied on ingress at the same time a MAC filter is applied on the egress of the SAP.
- C. Any number of ingress and egress filter policies can be associated with a SAP.
- D. An IP filter and a MAC filter can be applied on the ingress SAP at the same time.
- E. Filter Policies can only be applied on egress.
- F. Filter Policies can be based on IP, MAC, and VPI/VCI addresses.

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

NEW QUESTION: 147

Click the exhibit.

Internet access using route leaking between the VRF and the global routing table is configured in the network. Which of the following is the correct output of route 192.168.50.1 in the global routing table of PE3?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 148

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: [\(SHOW ANSWER\)](#)

NEW QUESTION: 149

Consider a large metro-to-metro VPLS network interconnected with a mesh of mesh-SDPs. Which of the following statements does NOT apply to this situation?

- A. Bandwidth and replication inefficiency can occur on inter-metro links if there is a lot of multicast traffic
- B. Network touches increase with each node added to the mesh.
- C. Spanning-tree is required to prevent loops when using mesh SDPs on the inter-metro links.
- D. The number of control sessions grows exponentially in a fully meshed network.

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

NEW QUESTION: 150

Click on the exhibit below.

Study the diagram shown. What consideration should be given to the transport tunnel of SDP 300?

- A. The SDP must be configured to use GRE encapsulation.
- B. The SDP must follow the same path as the user's SDP.
- C. The SDP must be the same as the user's SDP.
- D. The SDP should be configured to use an RSVP signaled transport with fast reroute.

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

NEW QUESTION: 151

A provider core consists of 4 PE and 2 P routers. A fully meshed VPRN service is configured on all 4 PEs, and MPLS LSP-based SDPs are used for the service configuration. How many SDPs must be bound to the VPRN service on each PE?

- A. Five SDPs must be bound to the VPRN service on each PE
- B. Three SDPs must be bound to the VPRN service on each PE
- C. Two SDPs must be bound to the VPRN service on each PE
- D. Twelve SDPs must be bound to the VPRN service on each PE

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

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NEW QUESTION: 152

A service provider core consists of 6 PE and 4 P routers. Assuming route reflection is not used, how many internal BGP sessions are required in the service provider network for a correct operation of VPRN services?

- A. 5
- B. 45
- C. 1
- D. 30
- E. 15

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

NEW QUESTION: 153

Which of the following about BGP Site of Origin (SoO) is FALSE?

- A. The SoO attribute can be used to uniquely identify the site from which a PE learns routes.
- B. The SoO attribute can be used as matching criteria when redistributing routes from the CE to the PE
- C. Before a PE redistributes a VPN-IPv4 route, it can assign an SoO attribute to the route.
- D. The SoO attribute can be used to prevent loops from a single site with multiple CE-PE connections.

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

NEW QUESTION: 154

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

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

NEW QUESTION: 155

Which of the following is FALSE regarding the 16-bit public autonomous system numbers?

- A. They are assigned by the ISPs for enterprise networks.
- B. They are allocated to the RIRs by ICANN/IANA.
- C. They are used when connecting ASs on the Internet.
- D. They range from 1 to 56319.

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

NEW QUESTION: 156

Router R6 is a route reflector for clients R1, R2 and R5. Router R5 is configured with a local preference of 200. On which routers is "advertise-external" needed for router R6 to receive exactly two distinct routes for prefix 192.168.1.0/27?

- A. On either router R1 or R2.
- B. On all routers R1, R2 and R5.
- C. On router R5 only.
- D. On both routers R1 and R2.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 157

Which of the following about a full mesh VPRN is FALSE?

- A. Provider core LSPs can be LDP-based or RSVP-based.
- B. The provider core maintains a full mesh of LSP tunnels and MP-BGP sessions between all P devices.
- C. Site redundancy can be achieved by dual homing a single CE to one or more PEs.
- D. Dual CEs connected to redundant PEs can provide redundancy within a single site.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 158

PE3 learns Internet routes via its VRF interface to the Internet peering router and stores them in its Internet VRF. CE1 is connected to the Red VPN and requires Internet access via its Red VRF interface. Which of the following statements do not fulfill this requirement?

- A. The Internet VRF on PE3 imports the Red VPN routes advertised by PE1.
- B. PE1 imports all Internet routes and advertises them to CE1 via the Red VRF.
- C. PE3 advertises a default route from its Internet VRF instead of advertising all Internet routes.
- D. PE1 advertises the Red VPN routes and a default route to PE3.

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

NEW QUESTION: 159

When spanning tree is enabled within a VPLS service and the STP mode is 802.1D 2004 what happens if a PVST BPDU is received on a SAP?

- A. The SAP that the PVST BPDU was received on will be disabled to prevent loops.
- B. Spanning tree will be disabled on the SAP that the PVST BPDU was received on.
- C. The PVST BPDU will be ignored and 802.1D 2004 BPDUs will continue to be transmitted on the SAP.
- D. The spanning tree encapsulation will be dynamically changed to PVST on the SAP the PVST BPDU was received on.

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

NEW QUESTION: 160

Which of the following statements is considered best practice when changing a network policy that has been associated with an interface?

- A.** Before any changes are made to the policy, all network interfaces where the policy is applied have to be shut down.
- B.** A new network policy should be created and applied to the interface, overwriting the previous policy.
- C.** The policy must first be removed from the interface, then modified and re-applied to the interface.
- D.** The policy should be placed in a "shutdown" state before changes are made.
- E.** Before the policy can be changed, it must be deleted with the `no network qos <policy-id>` command.

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

NEW QUESTION: 161

Which of the following best describes the output?

- A.** The AS-Path is not present because a policy is configured on PE1 to set it to null.
- B.** The AS-Path is not present because VPN-IPv4 routes do not propagate the IPv4 AS-Path BGP attribute.
- C.** The AS-Path is not present because a policy is configured on CE1 to set it to null.
- D.** The AS-Path is not present because a policy is configured on PE2 to set it to null.

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

NEW QUESTION: 162

In inter-AS model C VPRN, which of the following about the command "advertise-label ipv4" is TRUE?

- A.** This command is required on all PE routers to distribute labeled IPv4 routes directly to PEs in remote AS.
- B.** This command is required on the ASBRs to exchange labeled IPv4 routes between the ASs.
- C.** This command is required on the route reflectors to exchange customer routes between ASs as labeled IPv4 routes.
- D.** This command is required on all PE routers to distribute labeled IPv4 routes to connected CEs.

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

NEW QUESTION: 163

Complete the following statement. In a VPRN, the label signaled by RSVP-TE is used to

_____.

- A. Identify the ingress PE in the MPLS domain
- B. Identify the egress PE in the MPLS domain
- C. Signal the egress VPRN ID
- D. Transport route updates between PEs

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 164

When an Alcatel-Lucent 7750 SR receives a BGP route with an AS Path loop, what action is taken by default?

- A. The route is ignored.
- B. The route is flagged as invalid and placed in the RIB-In.
- C. The route is flagged as invalid and placed in the RIB-Out.
- D. The route is flagged as invalid and placed in the LOC-RIB.

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

NEW QUESTION: 165

Which of the following statements regarding scheduling are TRUE? (Choose two)

- A. Every time a scheduler-policy is assigned to a SAP, a new hardware scheduler is created to service the SAP.
- B. Scheduler policies cannot be children of an egress port-scheduler.
- C. Scheduler policies can be applied to the MDA to schedule network ingress traffic.
- D. HQoS provides a static method of allocating scheduling resources to each queue and/or child.
- E. A scheduler applied to multiple SAPs within the same service will result in a single hardware scheduler operating across all SAPs within the service.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 166

Assuming there is a full mesh of mesh-SDPs between the PEs within each metro network and a spoke-SDP between PE-C of Metro A and PE-B of Metro B. how is traffic forwarded from PE-A in Metro A to PE-D of Metro B? Select the most accurate statement.

- A. An LSP must be configured between PE-A and PE-D for this traffic to be forwarded.
- B. A VPLS FDB lookup is done at PE-A of Metro A only
- C. An SDP must be configured between PE-A of Metro A and PE-D of Metro D for this traffic to be forwarded
- D. A VPLS FDB lookup is done at PE-A and PE-C of Metro A and PE-B of Metro B

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 167

Which of the following is NOT considered an option of export policies?

- A. Sending aggregates that summarize the AS's address space.
- B. Sending MEDs to influence ingress traffic from peers.
- C. Preventing unwanted NLRI from entering the AS.
- D. Advertising customer networks into BGP.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 168

Upon the successful establishment of a TCP session between peers, what type of BGP message is exchanged?

- A. Notification
- B. Open
- C. Keepalive
- D. Update
- E. OpenSent

Answer: B (LEAVE A REPLY)

NEW QUESTION: 169

What are the two main benefits of a hub and spoke VPRN design? (Choose two)

- A. Optimal routing between all sites
- B. Limited configuration required on the hub PE device
- C. Reduced number of VPN tunnels that need to be managed
- D. Centralized filtering policies with the introduction of a hub site

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 170

Which of the following are NOT ingress matching criteria for a network policy? (Choose two)

- A. DSCP priority
- B. TCP port numbers
- C. Source and destination IP addresses
- D. DSCP

E. LSP EXP

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

NEW QUESTION: 171

When using an egress port scheduler, on which scheduling loop are orphaned queues serviced?

- A. Level 1 between CIR and PIR.
- B. Level 8 within CIR.
- C. Level 8 between CIR and PIR.
- D. Level 1, once all PIR is serviced.
- E. Level 8, once all PIR is serviced.
- F. Level 1 within CIR.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 172

Which of the following regarding BGP confederations is FALSE?

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

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

NEW QUESTION: 173

What will happen if an update is received with an unrecognized optional non-transitive attribute?

- A. The router will accept the update and send a notification.
- B. The router will accept the update and ignore the attribute.
- C. The router will accept the update and propagate the attribute.
- D. The router will not accept the update and send a notification.

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

NEW QUESTION: 174

CE-A is on VLAN 200 and CE-B is on VLAN 300. Which of the following SAP ids can be configured on PE-A and PE-B to allow direct communication between CE-A and CE-B?

- A. PE-A will require a SAP id of "sap 1/1/1" and PE-B will require a SAP id of "sap 1/1/1".
- B. PE-A will require a SAP id of "sap 1/1/1:200" and PE-B will require a SAP id of "sap 1/1/1:300".
- C. PE-A will require a SAP id of "sap 1/1/1:*" and PE-B will require a SAP id of "sap 1/1/1:*".
- D. PE-A will require a SAP id of "sap 1/1/1:0" and PE-B will require a SAP id of "sap 1/1/1:0".

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

NEW QUESTION: 175

AS 65540 is using MPLS to provide BGP shortcuts for its iBGP routing. AS 65541 is advertising prefix 192.168.1.0/27 into BGP. Which routers have the BGP update for the advertised prefix in their BGP table?

- A. Routers R1, R4 and R5 only.
- B. Routers R1, R2, R3, R4 and R5.
- C. Routers R1 and R4 only.
- D. Routers R1, R2, R3 and R4 only.

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

NEW QUESTION: 176

The headquarter sites of VPRN 10 and VPRN 20 are part of an extranet VPRN. Which route targets should be exported under the VPRN 20 service on router R1?

- A. Target:65100:2 and target:65100:3
- B. Target:65100:1 and target:65100:3
- C. Target:65100:1 and target:65100:2
- D. Target:65100:1, target:65100:2 and target:65100:3

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

NEW QUESTION: 177

Click the exhibit.

When configuring the double lookup functionality, which configuration forces the global routing table to be consulted for any packet matching the VPRN default route?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 178

On the Alcatel-Lucent 7750 SR, how many queues per FC are available for multipoint traffic within a VPLS on service ingress?

- A. 8
- B. 3
- C. 64
- D. 16
- E. 1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 179

All sites in the displayed network require Internet access. Route reflector 1(RR1) is used for Internet routes only and route reflector 2(RR2) is used for VPN routes only. Which of the following is FALSE?

- A. RR1 establishes BGP sessions only with PE1 and PE2.
- B. BGP sessions between RR2 and PE routers support only the VPN-IPv4 address family.
- C. RR2 establishes BGP sessions with PEL PE2 and PE3.
- D. BGP sessions between RR1 and PE routers support only the IPv4 address family.

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

NEW QUESTION: 180

After configuring OSPF as the PE to CE routing protocol for a VPRN service you get the following output from an Alcatel-Lucent 7750 SR: What is most likely wrong with the configuration?

- A. The PE and CE router have different OSPF interface types configured
- B. There is a problem with OSPF authentication
- C. The operational MTU does not match
- D. OSPF is not configured on the CE router
- E. None of the above

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 181

A router in AS 65100 receives three routes for 138.120.0.0/16. The first route has an AS Path of 65200 65400 65300 and a local preference of 150. The second route has an AS Path of 65200 65300 and a local preference of 100. The third route has an AS path of 65600 65300 and a local preference of 200. Which route will appear in the RIB-In?

- A. All routes will appear in the RIB-In.
- B. Only the second route will appear in the RIB-In.
- C. Only the first route will appear in the RIB-In.
- D. Only the third route will appear in the RIB-In.

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

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NEW QUESTION: 182

On an Alcatel-Lucent IOM 3, how is buffer memory allocated per forwarding complex?

- A. 256 MB ingress, 256 MB egress
- B. 512 MB ingress, 512 MB egress
- C. 768 MB dynamically allocated between ingress and egress.
- D. 1 GB dynamically allocated between ingress and egress.
- E. 768 MB, with a minimum of 256 MB ingress and egress, and an additional 256 MB dynamically allocated.

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

NEW QUESTION: 183

Routers RR1 and RR2 are route reflectors with clients R1x and R2x, respectively. Routers RR1 and RR2 are non-clients of each other, and router R1 is a non-client of both. Which of the following regarding BGP sessions in AS 65540 is TRUE?

- A. Router R1 must have at least one BGP session to each of routers R1x and R2x.
- B. Routers R1, RR1 and RR2 must be fully meshed.
- C. Routers R1x as well as routers R2x must be fully meshed.
- D. Routers R1x and R2x must have at least one BGP session between them.

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

NEW QUESTION: 184

Considering that both routers C and D are advertising the eBGP learned prefix 10.5.0.0/16 into ISP X, which of the following best describes the route advertisement within ISP X?

- A. Router C sends the update to routers A, B, E and F.
- B. Router C sends the update to routers A, B, D, E and F.
- C. Router C sends the update to routers D, E and F.
- D. Router C sends the update to routers E and F only.

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

NEW QUESTION: 185

Which of the following is not a valid BGP design for a network provider supporting VPRNs?

- A. Full mesh of MP-BGP between PE devices
- B. Full mesh of MP-BGP between all P devices
- C. Confederation configuration between PE devices
- D. Route reflector configuration between PE devices

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

NEW QUESTION: 186

Internet access is provided to the Red VPRN (ID 10) via an Internet VRF (ID 500). For this configuration, which communities must be imported on the Red and Internet VRFs?

- A. Red VRF imports "Internet" and "Red-Only"

Internet VRF imports only "Internet"

B. Red VRF imports "Internet" and "Red-Only"

Internet VRF imports only "Red-Only"

C. Red VRF imports only "Internet"

Internet VRF imports only "Red-Only"

D. Red VRF imports only "Red-Only"

Internet VRF imports "Red-Only" and "Internet"

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

NEW QUESTION: 187

To manage the shared buffer space at network ports, slope policies are applied on _____ for the ingress direction, and on _____ or _____ for the egress direction.

A. MDAs, MDAs, ports

B. Interfaces, ports, SAPs

C. MDAs, ports, interfaces

D. Ports, ports, MDAs

E. Interfaces, interfaces. MDAs

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

NEW QUESTION: 188

Which of the following QoS functions does the slope-policy perform?

A. Classification

B. Scheduling

C. Queuing

D. Congestion management

E. Marking

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

NEW QUESTION: 189

Which of the following protocols are supported by the Alcatel-Lucent 7750 SR for the creation of transport tunnels within an autonomous system?

A. MP-BGP, LDP

B. LDP, RSVP-TE, GRE

C. MP-BGP, RSVP-TE, GRE

D. MP-BGP, LDP, RSVP-TE

E. MP-BGP only

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

NEW QUESTION: 190

How many bits does DSCP use to provide QoS marking options?

- A. 16
- B. 6
- C. 3
- D. 4
- E. 8

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

NEW QUESTION: 191

Click the exhibit.

For the CE hub and spoke VPRN, which of the following is FALSE?

- A. The primary VRF on PE1 contains routes learned from spoke sites.
- B. The secondary VRF on PE1 is used to route data packets from the hub CE to the spoke sites.
- C. All traffic between spoke sites must pass through CE1.
- D. PE1 advertises the primary VRF routes to CE1.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 192

Which of the following statements about Spanning Tree Protocol is true?

- A. The switch with the highest MAC address always becomes the root.
- B. The switch with the highest priority becomes the root.
- C. The switch with the lowest priority becomes the root.
- D. The switch with the lowest MAC address always becomes the root.

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

NEW QUESTION: 193

It is required to prepare the provider core for LDP on an Alcatel-Lucent 7750 SR. Based on the configuration shown below, choose the answer that best describes the given configuration.

- A. This configuration is correct except that the system interface must be added
- B. MPLS configuration is not required
- C. This configuration is correct and complete
- D. This configuration is correct except that the interfaces facing the CE routers must be added.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 194

A queue is configured with the following attributes:

MBS = 10KB

CBS = 5KB

High-Priority-Only = 20%

Assume that there is no CBS overbooking and that the slope-policy is disabled. If the current queue depth is 3KB, what will happen to an out-of-profile packet arriving at an egress queue?

- A. It will be queued in the shared portion of the buffer pool but contend for shared buffer space with packets from other queues.
- B. It will be queued in the reserved portion of the buffer pool and be in-profile.
- C. It will be queued in the reserved portion of the buffer pool if there are no in-profile packets already in the queue.
- D. It will be queued in the reserved portion of the buffer pool and remain out-of-profile.
- E. It will be queued in the shared portion of the buffer pool but may be dropped if the buffer utilization exceeds the start-average value of the low slope.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 195

What is the maximum number of SAP-ingress policies that can be applied on a SAP?

- A. 3
- B. 2
- C. 1
- D. 8
- E. 5
- F. 4

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

NEW QUESTION: 196

If the max remote-age timer of a B-VPLS is reached, what happens to the remotely learned MAC addresses in the I-VPLS service?

- A. The MAC addresses for the I-VPLS will age out immediately following the remote-age out of the backbone-macs of the B-VPLS.
- B. There is no effect. The MAC addresses for the I-VPLS age out independently of the aging of B-VPLS addresses.
- C. By default, the remote-age timer of the B-VPLS is configured to 0 and addresses do not age out. The I-VPLS uses its own timer.
- D. The same timer is used for B-VPLS and I-VPLS addresses on the node.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 197

Which of the following regarding route reflectors is TRUE?

- A. There can only be one route reflector in a cluster.
- B. Only the route reflector is configured with a cluster ID .
- C. There can only be one level of route reflectors in the topology.
- D. Clients should have iBGP sessions with each other to maintain the mesh.

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

NEW QUESTION: 198

Click on the exhibit below.

Assume there are two VPLS services configured on the MDU. How could load-balancing be achieved when using Active/Standby pseudowires?

- A. This cannot be done.
- B. Each VPLS will need their own pair of spoke-SDP's configured. The spoke-sdp's that are to be active should be configured with the option "precedence primary".
- C. Each VPLS will use the same pair of SDP's with the same endpoint configured with the option "load-balancing 2".
- D. Under the end-point configuration, enable load-balancing 2 and the MDU will load balance automatically.

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

NEW QUESTION: 199

Which of the following is a true statement?

- A. In a dynamic environment where MAC addresses are changing rapidly, the higher the age-time, the larger the fdb-table-size should be.
- B. In a dynamic environment where MAC addresses are changing rapidly, the higher the age-time, the smaller the fdb-table-size should be.
- C. In a dynamic environment where MAC addresses are changing rapidly, the lower the age-time, the larger the fdb-table-size should be.
- D. There is no relationship between the age-time and the fdb-table-size.

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

NEW QUESTION: 200

Assuming that "client1" and "client2" are directly-connected networks, what is the result of executing the following BGP export policy?

- A. Entries 10 and 20 are executed for "client1", and entries 10 and 30 are executed for "client2".
- B. Only entry 10 is executed for "client1" and "client2".

C. Entries 10 and 20 are executed for "client1", and entries 10, 20 and 30 are executed for "client2".

D. Entry 10 is executed for directly-connected routes, entry 20 for "client1" and entry 30 for "client2".

Answer: (SHOW ANSWER)

NEW QUESTION: 201

When implementing a BGP policy on an Alcatel-Lucent 7750 SR, which of the following types of address space would a typical address plan need to cover?

A. RIR assigned CIDR space.

B. External link addresses.

C. External client address space.

D. All of the above.

E. Loopback or link addresses.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 202

Over which BGP session will router B learn the 10.1.1.0/24 prefix?

A. The session between router D and router B.

B. The session between router C and router B.

C. Router B will learn the prefix over all of the sessions, then it will choose the best route.

D. The session between router A and router B

Answer: D (LEAVE A REPLY)

NEW QUESTION: 203

For the inter-AS model B VPRN, which of the following is TRUE when CE2 sends an IP packet to 192.168.1.1?

A. PE2 pushes one label on the IP packet and forwards it to ASBR2.

B. ASBR1 sends the IP packet with one label to PE1

C. PE1 pops one label off the IP packet and forwards it to CE1.

D. ASBR2 sends the IP packet with one label to ASBR1.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 204

If a management VPLS is administratively disabled what will be the status of the associated user VPLS SAPs?

A. Regular semantics will apply. It will be as if the SAP doesn't belong to a management VPLS.

B. All user VPLS SAPs will be disabled/pruned.

C. Spanning tree will be automatically enabled on the user VPLS SAPs.

D. It is not possible to administratively disable a management VPLS.

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

NEW QUESTION: 205

Click the exhibit button below. Traffic arriving at router PE 1 is marked with a dot1p value of 4. Given the network policies applied on the routers in the diagram below, what is the EXP value of packets arriving at router PE 2?

Note: Only relevant portions of the network policy are shown.

- A. 3
- B. 6
- C. None of the above.
- D. 2
- E. 5

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

NEW QUESTION: 206

How can one ensure that a specific switch will be select as root in an STP network?

- A. Set the bridge priority to 0.
- B. Leave the bridge priority as the default.
- C. Set the bridge priority to 131071.
- D. Set the bridge priority to 32768.

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

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