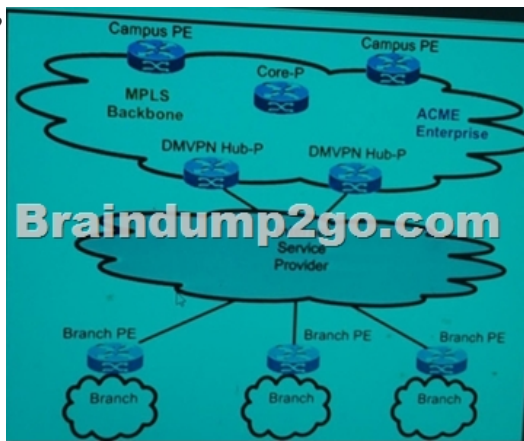


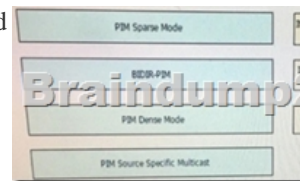
permit65001\$!route-map BGP-ROUTE-POLICY permit 10match as-path 1D. route-map BGP-ROUTE-POLICY permit 10set community no-export additive Answer: C QUESTION 503In a multihop BFD scenario, which two options create a multihop template and associate it with maps of destinations and associated timers? (Choose two) A. Fallover BFDB. BFD echoC. BFD mapD. BFD templateE. BFD version 2 Answer: CD QUESTION 504Which description of the main purpose of the LDP targeted Session is true? A. To improve the label convergence time for directly connected LSRs by maintaining the session up when the link between LSRs by maintaining the session up when the link between LSRs downB. To prevent traffic from being black-holed by building a MPLS forwarding table depending on the IP routing protocol in useC. To establish an adjacency before exchanging network information to avoid keepalive messages being dropped during heavy network traffic eventD. To provide the means for LSR to request and release label prefix binding information to peers routers Answer: A QUESTION 505A regional operation center deployed SQL servers that were synchronized with the company's backend storage servers by using a 768 Kbps link. Although network congestion is not a frequent issue, the VoIP service suffers a serious degradation. Which two technologies can be implemented to improve the quality of the customer's VoIP traffic? (Choose two) A. A decrease in the wan interface buffer sizeB. LLQ for management trafficC. cRTPD. TCP/UDP filtering based on NBARE. TCP traffic prioritizationF. LFIG. TCP starvation Answer: CF QUESTION 506A customer has a requirements record voice calls for IPT connected on switch A using VLAN 200.Record traffic should be forwarded to the IPCC recording server, which is connected on switch B, voice recording is not working. Assuming that RSPAN source monitoring is properly set, which action fixes this problem? A. On switch B, the monitor session 1 destination remote <interface_config_to_recording_server> command must be appliedB. On switch B, the port connects to the recording server must have an IP address and be accessible via VLAN 200C. On switch B, the port that connects to the reording server must be accessed on VLAN. On switch A and switch B, the remote-span command must be configured on the mirroring dedicated VLAN Answer: D QUESTION 507Which type of mVPN core tree does the Rosen mLDP profile use to signal individual P2MP LSP that are mapped to SGs? A. S-PMSIB. MS-PMSIC. partitioned MDTD. MI-PMSI Answer: D QUESTION 508A backbone carrier is approached by an ISP_A which provides L3VPN services. The ISP_A requires MPLS VPN services from the backbone carrier to establish connectivity between the two POPs of the ISP_A Which label protocol should the backbone carrier use to provide the proper connectivity that the ISP_A requires? A. L2TPv3B. L2TPv2C. LDPD. GREE. mGREF. BGP Answer: C QUESTION 509Refer to the exhibit. ACME Enterprise is running DMVPN with spoke-to-spoke communication 2547oDMVPN has been implemented to extend MPLS to all other branches.What is the traffic flow behavior between branches after 2547oDMVPN implementation?



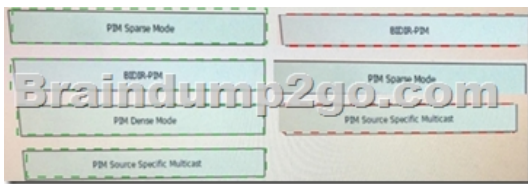
A. Traffic flows through the DMPVN hubB. Traffic flows directly between branches only if the DMVPN configuration is changed to hub-and-spoke communicationC. Traffic flows directly between branches through service provider cloud, bypassing the DMVPN hubD. Traffic flow does not occur between branches Answer: A QUESTION 510A service provider has a requirements to deploy a virtual router in its network to handle high-performance data plane service up to 20Gbps. Which Cisco solution fulfills this requirement? A. Cisco 7600B. Cisco ASR 9000C. Cisco NCS 6000D. Cisco CSR 1000vE. Cisco nexus 9000v Answer: B QUESTION 511Refer to the exhibit. The red dashed lines represent the preferred paths for the MPLS TE tunnel 1 and MPLS TE tunnel 2 to reach RTE3. The black dotted lines are the less desirable path.In case RTA or RTD fails, the MPLS TE tunnel 1 and MPLS TE tunnel 2 preempt the MPLS TE tunnel 3. This causes a lack of the MPLS connectivity from CRS3.



Which solution avoids the MPLS TE tunnel 3 to be teardown by the MPLS TE tunnel 1 and MPLS TE tunnel 2? A. change the MPLS TE tunnel 3 priority values to 6 B. lower the signaled-bandwidth value of the MPLS TE tunnel 3 C. use the exclude option on the explicit path configuration for the MPLS TE tunnel 1 and MPLS TE tunnel 2 D. change the MPLS TE tunnel 3 priority values to 4 E. use affinity and link coloring in all MPLS TE tunnels and MPLS TE link resources
 Answer: A QUESTION 512 Which option is the benefit of per-link LFA over per-prefix LFA? A. It has a greater applicability B. It provides greater protection coverage C. It is simpler D. It enables better bandwidth utilization
 Answer: C QUESTION 513 Drag and Drop Question Drag and drop PIM mode from the left onto the corresponding characteristic on the right. Not all options are used



Answer:



QUESTION 514 A service provider network engineer is defining a QoS architecture with the following requirements :- The service provider does not provide managed CPE services.- Customer throughput of both connection-oriented and non-connection-oriented must be managed.- The service provider network capacity must be protected by limiting customer traffic to the purchased circuit bandwidth.- Latency-sensitive traffic must be accommodated. Which recommendation is the network engineer defining? A. The service provider must shape traffic that is outbound on the PE interface B. The service provider must shape traffic that is inbound on the PE interface C. The Customer must shape all traffic that is outbound on the CE interface D. The service provider must police traffic that is inbound on the PE interface E. The service provider must police traffic that is outbound on the PE interface F. The customer must police all traffic that is outbound on the CE interface
 Answer: D QUESTION 515 What is the routing paradigm in a segment routing-enabled network? A. Destination-based routing B. Source, destination and layer 4 port routing paradigm C. Source-based and destination-based routing D. Source-based routing
 Answer: D QUESTION 516 Which three IP/MPLS feature have been removed from MPLS-TP? (Choose three) A. Global and local label B. Dual-direction LSPP. LSP merging D. ECMPE. QoS mapping F. Protection G. PHP
 Answer: CDG QUESTION 517 SNMPv3 provides which three security features? (Choose three) A. DES 56-bit encryption B. Encrypted user password C. Private community information that is exchanged out-of-band D. Device hostname that is authenticated via AES algorithm E. Message integrity F. Authentication that is based on MD5 or SHA algorithms
 Answer: AEF QUESTION 518 In a Service provider network, a NOC engineer identifies and interface that flaps continuously. This interface connects to an EBGP peer. Which feature can reduce this instability on the service provider network? A. BGP PIC B. IP event Dampening C. IGP Prefix Prioritization D. Non-stop Forwarding
 Answer: B QUESTION 519 Which operational metric to measure the health of the incident management process is critical? A. A number of successful changes B. Number of incidents per severity level C. Mean time to restore service D. Mean time to resolve incidents
 Answer: A QUESTION 520 Which three components are required to support ISSU? (Choose Three) A. Supported line cards. B. SSO and NSF working. C. Redundant router for failover. D. Images that are preloaded into the file system. E. Traffic that is moved to another device. F. Active and standby RPs.
 Answer: ABF QUESTION 521 Which are two benefits of using segment routing over RSVP-TE for traffic engineering? (Choose two) A. Segment routing traffic engineering tunnels always follow the

low-latency pathB. ECMP-aware traffic engineering is natively supported by segment routingC. Per-flow state is present only at the ingress node to the Segment routing-enabled networkD. Per-flow state is present at the ingress and egress node to the segment routing-enabled networkE. Per-flow state is maintained on all nodes of the segment routing-enabled network Answer: BC

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