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New Question Which four options describe the functions of the control word in an ATM environment? (Choose four.)

A. It carries generic and Layer 2 payload-specific information.

B. It prevents fragmentation and reassembly.

C. It preserves the sequence of the transported frames.

D. It is responsible for padding all packets.

E. It is responsible for padding the small packets.

F. It enables proper load balancing without packet desequencing independent of L2VPN packet content.

G. It enables an optimal path for the L2VPN packet content to follow through the MPLS backbone.

H. It carries Layer 2 payload-specific information.

Answer: ACEF

New Question Referring to the Cisco IOS XR show command output exhibit, what are three possible reasons that the GigabitEthernet0/1/0/10 LDP IGP sync status is not ready? (Choose three.)

A. GigabitEthernet0/1/0/10 is not configured to run LDP.

B. Graceful restart is not configured on the peer.

C. The LDP neighbor on GigabitEthernet0/1/0/10 is not up.

D. The OSPF neighbor on GigabitEthernet0/1/0/10 is not up.

E. LDP is up on GigabitEthernet0/1/0/10, but no label bindings have been received from the peer.

F. GigabitEthernet0/1/0/10 is a member link of Bundle-Ether9000.

Answer: CDE

New Question Refer to the exhibit. XR2 needs to have LDP configured with PE1. Which configuration achieves this goal?

A. interface giga 0/0 Mpls ip exit commit

B. router ospf 1 mpls ldp auto config area 0 exit commit

C. router ospf 1 area 0 mpls ldp auto config exit commit

D. interface giga 0/1 mpls ldp exit commit

Answer: C

New Question Which three fields must be the same in an IPv6 header to consider different packets on the same flow? (Choose three.)

A. source port

B. destination address

C. destination port

D. source address

E. flow label

F. transport protocol type

Answer: BDE

New Question An engineer is working in a service provider environment to troubleshoot a MPLS VPN. The engineer determines that LDP neighborship is flapping between two routers and causing disruption to the traffic. Which LDP feature can help to solve the issue?

A. LDP Discovery

B. LDP auto-configuration

C. LDP graceful-restart

D. LDP NSF

Answer: C

New Question Which configuration can a network engineer use to establish high availability for LDP in an MPLS setup?

A. mpls ldp graceful-restart graceful-restart graceful-restart forwarding state holdtime 180 graceful-restart reconnect-timeout 15

B. interface HundredGigE0/4/0/0B. mpls ldp graceful-restart graceful-restart forwarding state holdtime 180 graceful-restart reconnect-timeout 15

C. mpls ldp session protection for peer_acl duration 60 ipv4 access-list peer_acl 10 permit ip host 192.168.10.1 any

D. router ospf 1 mpls ldp sync mpls ldp igmp sync delay 30

E. mpls ldp router-id loopback0 discovery hello holdtime 15 discovery hello interval 5

Answer: A

New Question Which configuration fulfills the requirement of configuring LDP with Cisco Nonstop Forwarding on a router with 5 minutes time to hold the forwarding table information and 1 minute retry timer value for an LDP connection?

A. mpls ldp graceful-restart graceful-restart forwarding state holdtime 5 graceful-restart reconnect-timeout 1

B. interface GigabitEthernet0/0/0/0!B. mpls ldp graceful-restart graceful-restart forwarding state holdtime 300 graceful-restart reconnect-timeout 60

C. interface GigabitEthernet0/0/0/0!C. mpls ldp nsr graceful-restart graceful-restart forwarding state holdtime 300 graceful-restart reconnect-timeout 60

D. interface GigabitEthernet0/0/0/0!D. mpls ldp nsr graceful-restart graceful-restart forwarding state holdtime 5 graceful-restart reconnect-timeout 1

E. interface GigabitEthernet0/0/0/0!**Answer: B**

New Question Which three commands are used to troubleshoot why IP packets are not forwarded on the LSP? (Choose three.)

A. show cef prefix/length to check the prefix information

B. debug mpls ldp transport events to display events related to the LDP peer discovery mechanism

C. show mpls forwarding labels <label-id> hardware egress location <node-id> to check the hardware label FIB

D. show arp <prefix> location <node-id> for the next hop prefix

E. show mpls ldp discovery for the corresponding label information

F. debug mpls ea platform all to display MPLS setup events and errors

Answer: ACD

New Question A network engineer must design a core network routing domain that supports Cisco MPLS TE. Which two interior gateway protocols represent viable solutions? (Choose two.)

A. Routing Information Protocol version 2

B. Open Shortest Path First

C. Enhanced Interior Gateway Routing Protocol

D. Intermediate-System to Intermediate-System

E. Border Gateway Protocol

Answer: BD

New Question The network architecture team is proposing to enable Cisco MPLS TE over the entire service provider core network. Which two options are benefits of Cisco MPLS TE that affect their decision? (Choose two.)

A. Cisco MPLS TE optimizes network resources.

B. Cisco MPLS TE data flows independent from the underlying IGP.

C. Cisco MPLS TE increases the data forwarding rate.

D. Cisco MPLS TE tunneling does not require maintenance.

E. Cisco MPLS TE offers network resource reservation, which removes any need for QoS MQC policies.

Answer: AB

New Question Which two fields are in the traffic engineering topology database? (Choose two.)

A. TE-metric

B. IGP metric

C. link delay

D. LSP setup priority

E. LDP authentication

Answer: AD

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