

QUESTION 18

Which two actions describe ISP delegation to PCE servers? (Choose two)

- A. adding a new PCE server with lower precedence than the primary PCE
- B. changing the precedence of any of the PCE servers
- C. removing TE re-optimization timer timeouts
- D. entering the mpls traffic-eng reoptimize command
- E. adding a new PCE server with higher precedence than the primary PCE

Correct Answer: AC

QUESTION 19

What are two characteristics of MPLS TE tunnels? (Choose two)

- A. They require EIGRP to be running in the core.
- B. They use RSVP to provide bandwidth for the tunnel.
- C. They are run over Ethernet cores only.
- D. The headend and tailend routes of the tunnel must have a BGP relationship
- E. They are unidirectional

Correct Answer: BE

QUESTION 20

An engineer working for telecommunication company with an employee id: 3715 15 021 needs to secure the LAN network using a prefix list Which best practice should the engineer follow when he implements a prefix list?

- A. An engineer must use non sequential sequence numbers in the prefix list so that he can insert additional entries later.
- B. The final entry in a prefix list must be /32
- C. An engineer must identify the prefix list with a number only
- D. An engineer must include only the prefixes for which he needs to log activity.

Correct Answer: A

QUESTION 21

A customer of an ISP requests support to setup a BGP routing policy. Which BGP attribute should be configured to choose specific BGP speakers as preferred exit points for the customer AS?

- A. highest local preference outbound
- B. lowest local preference inbound
- C. highest local preference inbound
- D. lowest multi-exit discriminator

Correct Answer: A

QUESTION 22

An engineer must extend Layer 2 Between two campus sites connected through an MPLS backbone that encapsulates Layer 2 and Layer 3 data Which action must the engineer perform

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on the routers to accomplish this task?

- A. Configure a EtherChannel for E-LAN.
- B. Configure a pseudowire for E-LINE.
- C. Configure Cisco MPLS TE for use with E-TREE.
- D. Configure QoS for MPLS and E-ACCESS

Correct Answer: B

QUESTION 23

A network architect decides to expand the scope of the multicast deployment within the company network the network is already using PIM-SM with a static RP that supports a high-bandwidth, video-based training application that is heavily used by the employees, but excessive bandwidth usage is a concern How must the engineer update the network to provide a more efficient multicast implementation'?

- A. Configure IGMP to manage the multicast hosts on each LAN
- B. Implement BSR to support dynamic RP notification.
- C. Deploy ICMP to Improve multicast reachability across the network using static RP.
- D. Implement STP to improve switching performance for multicast data.

Correct Answer: A

QUESTION 24

A regional MPLS VPN provider operates in two regions and wants to provide MPLS L3VPN service for a customer with two sites in these separate locations. The VPN provider approaches another organization to provide backbone carrier services so that the provider can connect to these two locations. Which statement about this scenario is true?

- A. When edge routers at different regional sites are connected over the global carrier backbone, MP-eBGP must run between the routers to exchange the customer VPNv4 routes
- B. When eBGP is used for label exchange using the send label option, MPLS-BGP forwarding is configured under the global ABC CSC PE-to CE interface
- C. When IGP is used for route exchange and LDP for label exchange, MPLS is enabled only on the VRF interface on the backbone-earner PE side.
- D. When BGP is used for both route and label exchange, the neighbor a.b.c.d send-label command is used under the address family VPNv4 command mode.

Correct Answer: B

QUESTION 25

Which two features will be used when defining SR-TE explicit path hops if the devices are using IP unnumbered interfaces? (Choose two.)

- A. router ID
- B. labels
- C. node address
- D. next hop address
- E. output interface

Correct Answer: BC

QUESTION 26

Which additional configuration is required for NetFlow to provide traceback information?

- A. Cisco Express Forwarding must be configured for traffic that is egressing from the router to be properly reported.
- B. A classification ACL must be configured to identify which type of traffic will be analyzed.
- C. The BGP routing process must be started for any ingress or egress data to be reported when using NetFlow. Version 5.
- D. LLDP must be configured or the device will be unable to locate a NetFlow analyzer.

Correct Answer: B

QUESTION 27

When configuring traffic engineering tunnels in Cisco MPLS core network, you see the traffic is not taking the expected path in the core. Which command do you use to quickly check path of a TE tunnel?

- A. Traceroute mpls ipv4 -tunnel destination
- B. Ping <tunnel destination IP>
- C. show mpls traffic-engineering tunnels
- D. traceroute <tunnel destination IP>

Correct Answer: A

QUESTION 28

An engineer working for a private service provider with employee id: 3994 37 650 is configuring a Cisco device to redistribute OSPF into BGP. Which task enables the device to filter routes?

- A. Configure a distribute list and associate it to the BGP peer interface
- B. Configure a prefix list and associate it to the BGP peer interface
- C. Configure a route map and reference it with the redistribute command
- D. Configure an access list and reference it with the redistribute command

Correct Answer: C

QUESTION 29

Why do Cisco MPLS TE tunnels require a link-state routing protocol?

- A. Link-state routing protocols use SPF calculations that the tunnel endpoints leverage to implement the tunnel
- B. The link-state database provides a data repository from which the tunnel endpoints can dynamically select a source ID
- C. The tunnel endpoints can use the link-state database to evaluate the entire topology and determine the best path
- D. The link state database provides segmentation by area, which improves the path-selection process

Correct Answer: C

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QUESTION 30

How can a network administrator secure rest APIs?

- A. They can allow read and write privileges to all users
- B. They can ensure that user sessions are authenticated using TACACS+ only
- C. They can have a general administrator login for multiple users to access that has command entries logged
- D. They can authenticate user sessions and provide the appropriate privilege level

Correct Answer: D

QUESTION 31

An engineer is implementing NSR with OSPF on a large campus that requires high availability. Which task must an engineer perform to complete the process with minimal disruption to traffic?

- A. Reset OSPF neighbour sessions to maintain state information during router switchover
- B. Configure the device to repopulate state information using routing updates received from the BDR
- C. Increase the keepalive interval on the OSPF neighbours so that traffic continues to pass during the switchover.
- D. Ensure that the dual HP has synchronized their state information before performing the switchover operation.

Correct Answer: D

QUESTION 32

Which task must be performed first to implement BFD in an IS-IS environment?

- A. Disable Cisco Express Forwarding on all interfaces running routing protocols other than IS-IS
- B. Configure BFD under the IS-IS process
- C. Configure all ISIS routers as Level 2 devices
- D. Configure BFD in an interface configuration mode

Correct Answer: D

QUESTION 33

While implementing TTL security, you issue the PE(config-router-af)#neighbor 2.2.2.2 ttl-security hops 2 command. After you issue this command, which BGP packets does the PE accept?

- A. from 2.2.2.2, with a TTL of 253 or more
- B. from 2.2.2.2, with a TTL of less than 2
- C. to 2.2.2.2, with a TTL of less than 253
- D. to 2.2.2.2, with a TTL of 2 or more

Correct Answer: A

QUESTION 34

What is a role of NSO?

- A. It automates the deployment of access points with its built-in wireless LAN controller.

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- B. It manages WAN infrastructure using a virtual switch.
- C. It provides full lifecycle management of a device.
- D. It resides on a hypervisor that runs the Windows OS.

Correct Answer: C

QUESTION 35

While implementing TTL security, an engineer issues the PE(config-router-af)#neighbor 2.2.2.2 ttl-security hops 2 command. After issuing this command, which BGP packets does the PE accept?

- A. from 2.2.2.2, with a TTL of less than 2
- B. to 2.2.2.2, with a TTL of less than 253
- C. from 2.2.2.2, with a TTL of 253 or more
- D. to 2.2.2.2, with a TTL of 2 or more

Correct Answer: C

QUESTION 36

An engineer is implementing IGMP with SSM on a multicampus network that supports video streaming. Which task must the engineer perform as part of the process?

- A. Configure the network to use IGMPv3.
- B. Configure the network to use bidirectional PIM.
- C. Configure an RP that uses static assignments only.
- D. Configure the network to use the PIM bsr-candidate

Correct Answer: A

QUESTION 37

What is the function of the FEC field within the OTN signal structure?

- A. It allows the sending devices to apply QoS within the OTN forwarding structure.
- B. It allows source nodes to discard payload errors before transmitting data on the network.
- C. It allows receivers to correct errors upon data arrival.
- D. It allows deep inspection of data payload fields.

Correct Answer: C

QUESTION 38

In an MPLS network, which protocol can be used to distribute a Segment Prefix?

- A. OSPF
- B. LDP
- C. RSVP-TE
- D. EIGRP

Correct Answer: A

QUESTION 39

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