



Cisco

Exam Questions 350-501

Implementing and Operating Cisco Service Provider Network Core Technologies

NEW QUESTION 1

Which component is similar to an EVPN instance?

- A. router distinguisher
- B. MPLS label
- C. IGP router ID
- D. VRF

Answer: D

NEW QUESTION 2

Which configuration mode do you use to apply the mpls ldp graceful-restart command in IOS XE Software?

- A. MPLS LDP neighbor
- B. interface
- C. MPLS
- D. global

Answer: D

NEW QUESTION 3

Refer to the exhibit. An engineer is preparing to implement data plane security configuration. Which statement about this configuration is true?

- A. Router 2 is the router receiving the DDoS attack.
- B. Router 1 must be configured with uRPF for the RTBH implementation to be effective.
- C. Router 1 is the trigger router in a RTBH implementation.
- D. Router 2 must configure a route to null 0 for network 192.168.1.0/24 for the RTBH implementation to be complete.

Answer: A

NEW QUESTION 4

Which configuration modifies Local Packet Transport Services hardware policies?

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

Answer: C

NEW QUESTION 5

An engineer is setting up overlapping VPNs to allow VRF ABC and XYZ to communicate with VRF CENTRAL but wants to make sure that VRF ABC and XYZ cannot communicate. Which configuration accomplishes these objectives?

Answer: B

NEW QUESTION 6

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

Answer: D

NEW QUESTION 7

Refer to the exhibit. Which statement about the status of the neighbor relationship between R1 and R2 is true?

- A. The neighbor relationship is down because the two routers are configured with different area types.
- B. The neighbor relationship is down because the two routers are in the same subnet.
- C. The neighbor relationship is up because R2 is level 1 and level 2 router.
- D. The neighbor relationship is down because R2 is operating as a Level 1 router and the two routers are in different areas.

Answer: A

NEW QUESTION 8

Refer to the exhibit. Which configuration prevents the OSPF neighbor from establishing?

- A. default-metric
- B. duplex
- C. network statement
- D. mtu

Answer: D

NEW QUESTION 9

Refer to the exhibit. Which two statements about the IS-IS topology are true? (Choose two.)

- A. R1 and R4 are Level 2 neighbors.
- B. All four routers are operating as Level 1-2 routers.
- C. All four routers are operating as Level 2 routers only.
- D. All four routers are operating as Level 1 routers only.
- E. R1 and R2 are Level 2 neighbors.

Answer: AB

NEW QUESTION 10

Which BGP attribute is used first when determining the best path?

- A. origin
- B. AS path
- C. local preference
- D. weight

Answer: D

NEW QUESTION 10

Which utility can you use to locate MPLS faults?

- A. MPLS LSP ping
- B. QoS
- C. MPLS traceroute
- D. EEM

Answer: C

NEW QUESTION 13

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 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.
- D. When IGP is used for route exchange and LDP for label exchange, MPLS is enabled only on the VRF interface on the backbone-carrier PE side.

Answer: B

NEW QUESTION 18

Refer to the exhibit. If router A is the RP, which PIM mode can you configure so that devices will send multicast traffic toward the RP?

- A. PIM-SM
- B. BIDIR-PIM
- C. PIM-SSM
- D. PIM-DM

Answer: A

NEW QUESTION 19

Refer to the exhibit. What is significant about the number 2 in the configuration?

- A. It indicates two SNMP managers can read and write with the agent using community string ciscotest.
- B. It dictates the number of sessions that can be open with the SNMP manager.
- C. It is the numeric name of the ACL that contains the list of SNMP managers with access to the agent.
- D. It represents the version of SNMP running.

Answer: C

NEW QUESTION 22

What is the difference between SNMP and model- driven telemetry?

- A. SNMP uses the YANG data modeling language.
- B. Telemetry uses traps and inform messages to deliver data to a network administrator on a polling basis.
- C. Telemetry allows for modeled network data to be pushed to the network administrator on an as-needed basis.
- D. SNMP pushes network data to the network administrator whenever it is queried.

Answer: C

NEW QUESTION 26

Refer to the exhibit. What is the URL used for with REST API?

- A. It is used to initiate an FTP session to save a running configuration of a device.
- B. It is used to send a message to the APIC to perform an operation on a managed object or class operator.
- C. It is used to contact a URL filter to determine the efficacy of a web address.
- D. It is used to send a TACACS + authentication request to a server.

Answer: B

NEW QUESTION 27

Which two uses of the YANG data modeling language are true? (Choose two.)

- A. It can be used to model the configuration used by NETCONF operations.
- B. It can be used to access a device by HTTP.
- C. It can be used to replace the OSI model for troubleshooting.
- D. It can be used to shape state data of network elements.
- E. It can be used to replace RESTCONF as a mechanism to install and manipulate configuration.

Answer: AC

NEW QUESTION 29

Refer to the exhibit. This output is included at the end of an output that was provided by a device using NETCONF. What does the code show?

- A. It shows that the full configuration is being modeled by YANG.
- B. It shows NETCONF uses remote procedure calls.
- C. It shows the hostname of the device as rpc-reply.
- D. It shows that the running configuration is blank.

Answer: B

NEW QUESTION 32

Refer to the exhibit. Which statement describes this configuration?

- A. Router 1 has a new data store to collect SNMP information, but configuration must still be done at the CLI only.
- B. Router 1 can be remotely managed by the CLI using Telnet.
- C. Router 1 has its running configuration locked so changes can be made only when the administrator issues a kill session.
- D. Router 1 has a temporary data store where a copy of the running configuration can be manipulated and verified before committing the configuration.

Answer: D

NEW QUESTION 33

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