Exam Questions 350-501

Implementing and Operating Cisco Service Provider Network Core Technologies

https://www.2passeasy.com/dumps/350-501/

NEW QUESTION 1

Refer to the exhibit. P3 and PE4 are at the edge of the service provider core and serve as ABR routers. Aggregation areas are on either side of the core. Which statement about the architecture is true?

A. To support seamless MPLS, the BGP route reflector feature must be disabled.
B. If each area is running its own IGP, BGP must provide an end-to-end MPLS LSP.
C. If each area is running its own IGP, the ABR routers must redistribute the IGP routing table into BGP.
D. To support seamless MPLS, TDP must be used as the label protocol.

Answer: B

NEW QUESTION 2
Which component is similar to an EVPN instance?

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

Answer: D

NEW QUESTION 3

Refer to the exhibits. Which information is provided for traceback analysis when this configuration is applied?

A. source interface
B. packet size distribution
C. IP sub flow cache
D. BGP version

Answer: C

NEW QUESTION 4

Refer to the exhibit. Router 1 was experiencing a DDoS attack that was traced to interface gigabitethernet0/1. Which statement about this configuration is true?

A. Router 1 accepts all traffic that ingresses and egresses interface gigabitethernet0/1.
B. Router 1 drops all traffic that ingresses interface gigabitethernet0/1 that has a FIB entry that exits a different interface.
C. Router 1 accepts source addresses that have a match in the FIB that indicates it is reachable through a real interface.

D. Router 1 accepts source addresses on interface gigabitethernet0/1 that are private addresses.

Answer: C

NEW QUESTION 5

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 6
Which additional feature does MPLS DiffServ tunneling support?

A. matching EXP and DSCP values
B. PHB layer management
C. using GRE tunnels to hide markings
D. interaction between MPLS and IGP

Answer: B

NEW QUESTION 7
Which MPLS design attribute can you use to provide Internet access to a major customer through a separate dedicated VPN?

A. The Internet gateway router is connected as a PE router to the MPLS backbone.
B. The CE router supports VRF-Lite and the full BGP routing table.
C. The Internet gateway inserts the full Internet BGP routing table into the Internet access VPN.
D. The customer that needs the Internet access service is assigned to the same RTs as the Internet gateway.

Answer: D

NEW QUESTION 8
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 9

Refer to the exhibit. A network engineer is implementing a BGP protocol. Which effect of the local-as keyword in this configuration is true?

A. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65012 without additional configuration.
B. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65112 and the VPNv4 address family.
C. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65012 and the VPNv4 address family.
D. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65112 without additional configuration.

Answer: D

NEW QUESTION 10

Refer to the exhibit. Based on the show command output, which result is true after BGP session is established?

A. The IOS XR router advertises and accepts all routes to and from eBGP neighbor 192.168.2.2.
B. The IOS XR router advertises all routes to the neighbor 192.168.2.2, but it does not accept any routes from 192.168.2.2.
C. No routes are accepted from the neighbor 192.168.2.2, nor are any routes advertised to it.
D. The IOS XR router does not advertises any routes to the neighbor 192.168.2.2, but it accepts any routes from 192.168.2.2.

Answer: C

NEW QUESTION 10
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 points for the customer AS?

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

Answer: B

NEW QUESTION 11
Which three OSPF parameters must match before two devices can establish an OSPF adjacency? (Choose three.)

A. IP address
B. subnet mask
C. interface cost
D. process ID

E. area number
F. hello timer setting

Answer: BEF

NEW QUESTION 13

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 16
Which two tasks must you perform when you implement LDP NSF on your network? (Choose two.)

A. Enable NSF for BGP.
B. Implement direct connections for LDP peers.
C. Enable NSF for EIGRP.
D. Disable Cisco Express Forwarding.
E. Enable NSF for the link-state routing protocol that is in use on the network.

Answer: BE

NEW QUESTION 17

Refer to the exhibit. On R1, which output does the show isis neighbors command generate?

Answer: A

NEW QUESTION 21

Refer to the exhibit Router R1 and its peer R2 reside on the same subnet in the network. If an engineer implements this configuration to R1, how does it make connections to R2?

A. R1 establishes TCP connections that are authenticated with a clear-text password.
B. R1 establishes UDP connections that are authenticated with an MD5 password.
C. R1 establishes UDP connections that are authenticated with a clear-text password.
D. R1 establishes TCP connections that are authenticated with an MD5 password.

Answer: D

NEW QUESTION 25
DRAG DROP
Drag and drop each NAT64 description from the left onto the correct NAT64 type on the right.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 30

Refer to the exhibit. An engineer is preparing to implement link aggregation configuration. Which statement about this configuration is true?

A. The switch port negotiates an EtherChannel if it receives LACP packets from a connected peer running passive mode.
B. The switch port actively sends packets to negotiate an EtherChannel using PAgP.
C. The switch port passively negotiates an EtherChannel if it receives PAgP packets from a connected peer.
D. The switch port accepts LACP and PAgP packets from a connected peer and negotiate an EtherChannel using the common EtherChannel mode.

Answer: B

NEW QUESTION 33
You are writing an RPL script to accept routes only from certain autonomous systems. Consider this code:
RP/0/RP0/CPU0:router(config-rpl)# if as-path in (ios-regex '.*77$') RP/0/RP0/CPU0:router(config-rpl-if)# pass RP/0/RP0/CPU0:router(config-rpl-if)# endif
If you apply this code to BGP filters, which effect does the code have on your router?

A. denies routes from AS 7070
B. allows routes from AS 7077
C. denies routes from AS 7007
D. allows routes from AS 770

Answer: B

NEW QUESTION 35
Which utility can you use to locate MPLS faults?

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

Answer: C

NEW QUESTION 39
When configuring traffic engineering tunnels in Cisco MPLS core network, you see the traffic is not tacking the expected path in the core.
Which command do you use to quickly check path of a TE tunnel?

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

D. traceroute mpls ipv4 <tunnel destination>

Answer: D

NEW QUESTION 41

Refer to the exhibit. When implementing an LDP protocol, an engineer experienced an issue between two directly connected routers and noticed that no LDP neighbor exists for 1.1.1.1. Which factor should be the reason for this situation?

A. LDP needs to be enabled on the R2 loopback interface.
B. LDP needs to be enabled on the R2 physical interface.
C. R2 does not see any hellos from R1.
D. R2 sees the wrong type of hellos from R1.

Answer: B

NEW QUESTION 44
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 46

Refer to the exhibit. A network engineer is implementing a BGP routing policy. Which effect of this configuration is true?

A. All traffic that matches acl10 is allowed without any change to its local-preference.
B. All traffic that matches acl10 is dropped without any change to its local-preference.
C. If traffic matches acl10, it is allowed and its local-preference is set to 300.
D. All traffic is assigned a local-preference of 300 regardless of its destination.

Answer: A

NEW QUESTION 50

Refer to the exhibit. A network engineer is implementing QoS services. Which two statements about the qos-group keyword on Cisco IOS XR are true? (Choose two.)

A. It marks packets for end-to-end QoS policy enforcement across the network.
B. QoS group marking occurs on the ingress.
C. The QoS group numbering corresponds to priority level.
D. QoS group can be used in fabric QoS policy as match criteria.
E. It cannot be used with priority traffic class.

Answer: BD

NEW QUESTION 51

Refer to the exhibit. Which statement supports QPPB implementation?

A. QPPB policies affect only egress traffic.
B. QoS policies rely exclusively on BGP attributes to manipulate traffic.
C. QoS policies are identified in the MPLS forwarding table.
D. QoS policies use BGP to gain full coverage on the network.

Answer: D

NEW QUESTION 54
Why do packet loops occur during the configuration of BIDIR-PIM?

A. The network does not support BIDIR-PIM.
B. The network is partially upgraded to support BIDIR-PIM.
C. The router has not been configured to advertise itself.
D. No interface for carrying traffic for multicast groups has been configured.

Answer: B

NEW QUESTION 56

Refer to the exhibit. Export statistics received do not include the BGP next hop. Which statement about the NetFlow export statistics is true?

A. Loopback 0 must be participating in BGP for it to be included in the export statistics.
B. To include the BGP next hop in the export statistics, those keywords must be included with the version 9 entry.
C. The origin AS and the peer-as will be included in the export statistics.
D. Only the origin AS of the source router will be included in the export statistics.

Answer: B

NEW QUESTION 61
How can a network administrator secure rest APIs?

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

Answer: B

NEW QUESTION 65
Refer to the exhibit. A network administrator wants to enhance the security for SNMP for this configuration. Which action can the network administrator implement?

A. Add a community string to the existing entry.
B. Maintain the configuration but switch to an encrypted password for device access through SSH.
C. Re-configure to use SNMPv2 with MD5 authentication.
D. Re-configure to use SNMPv3.

Answer: D

NEW QUESTION 70
Which service is a VNF role?

A. Network
B. Firewall
C. Storage
D. Compute

Answer: A

NEW QUESTION 71

Refer to the exhibit. What does this value mean when it is received in XML?

A. It indicates a value assigned by a network administrator to tag a route.
B. It indicates a break in a sequence.
C. It means a data field is blank.
D. It shows the ending of the script.

Answer: D

NEW QUESTION 75
What do Ansible and SaltStack have in common?

A. They both have agents running on the client machine.
B. They both can be designed with more than one master server.
C. They both use DSL configuration language.
D. They both use YAML configuration language.

Answer: D

NEW QUESTION 76
Which statement about Network Services Orchestrator (NSO) is true?

A. It must use SDN as an overlay for addressing.
B. It uses YANG modeling language to automate devices.
C. It is used only in service provider environments.
D. It can be used only with XML coding.

Answer: B

NEW QUESTION 81
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 82
......

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 350-501 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 350-501 Product From:

https://www.2passeasy.com/dumps/350-501/

Money Back Guarantee

350-501 Practice Exam Features:

* 350-501 Questions and Answers Updated Frequently

* 350-501 Practice Questions Verified by Expert Senior Certified Staff

* 350-501 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 350-501 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year