

**Exam : Cisco642-832**

**Title : Troubleshooting and maintaining Cisco IP networks**

**Version : Demo**

# Test 4 Exam

Question:1

you're a network administrator and you issue the command (show port 3/1) on an Ethernet port, to your surprise you notice a non-zero entry in the "giants" column. What could be the cause of this?

A. IEEE 802.1Q B. IEEE 802.10 C. Misconfigured NIC D. User configuration E. All of the above

Answer:A

Question:2

A new network administrator is troubleshooting an EIGRP connection between router 1 with IP address 10.1.2.1 and 2 with IP address 10.1.2.2. Given the debug output on 1 shown below, which two statements are true? (Select 2)

- A. 1 received a hello packet with mismatched hello timers.
- B. 1 will form an adjacency with 2.
- C. 1 received a hello packet with mismatched metric-calculation mechanisms.
- D. 1 received a hello packet with mismatched autonomous system numbers.
- E. 1 received a hello packet with mismatched authentication parameters.
- F. 1 will not form an adjacency with 2.

Answer:C,F

Question:3

While troubleshooting an EIGRP routing problem you notice that one of the routers has generated a large number of SIA messages. What are two possible causes for EIGRP Stuck-In-Active routes? (Select two)

- A. Some query or reply packets are lost between the routers.
- B. The neighboring router starts receiving route updates from this router.
- C. A failure causes traffic on a link between two neighboring routers to flow in only one direction (unidirectional link)
- D. The neighboring router stops receiving ACK packets from this router.

Answer:A,C

Question:4

EIGRP uses five generic packet types (hello, updates, queries, replies, acknowledgements). If you wished to view the statistics for these packets, which IOS command should you use?

- A. debug eigrp packets
- B. show ip eigrp traffic
- C. show ip eigrp topology
- D. show ip eigrp neighbors

Answer:B

Question:5

While troubleshooting a routing problem on the EIGRP network you discover that one of the routers is failing to establish adjacencies with its neighbor. What is likely cause of this problem between neighbors? (Select two)

- A. The K-values do not match.
- B. The hold times do not match.
- C. The hello times do not match.
- D. The AS numbers do not match.

Answer:A,D

Question:6 In the network, VLAN Trunking Protocol (VTP) is running with a domain name of PG1. VLANs 1, 2, 3, 4, 5, 10, 20 are active on the network. Suddenly the whole network goes down. No traffic is being passed on VLANs 2, 3, 4, 5, 10, 20. However, traffic passes on VLAN 1 and indicates all switches are operational. Right before the network problem occurred, a switch named 13 was taken out of the lab and added to the network. What three configuration issues on 13 could be causing the network outage? (select three)

- A. 13 has a higher VTP configuration revision than the current VTP revision.

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B.13 is configured as a VTP server with a different domain name.

C.13 is configured as a VTP server with the domain name PGI.

D.13 has a lower VTP configuration revision than the current VTP revision. E.13 is not configured to participate in VTP. F.13 is configured with only VLAN1.

Answer: A,C,F