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덤프

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우리는 고객에게 년 동안 무상업데이트 서비스를 제공합니다

Exam : **400-101**

Title : CCIE Routing and Switching
Written Exam

Version : V30.02

1. Drag and drop the IPv6 discovery message on the left to the corresponding description on the right.

neighbor redirect	The message a node uses to share its link layer address
router solicitation	The message a node uses to notify hosts on the link of a better first hop for a destination
router advertisement	The message a node uses to discover the link-local addresses of other nodes on the link
neighbor advertisement	The message a node uses to share information about its status and its local prefixes
neighbor solicitation	The message a host sends when it starts up, requesting local routers to transmit information

Answer:

neighbor redirect	neighbor advertisement
router solicitation	neighbor redirect
router advertisement	neighbor solicitation
neighbor advertisement	router advertisement
neighbor solicitation	router solicitation

2. Refer to the exhibit.

```
ICMP: redirect sent to 192.168.5.119 for dest 10.9.132.254, use gw 192.168.5.1
```

Which two conclusions can you draw from this output (choose two)

- A. The device at the 192.168.5.119 routing table has an APR entry for the device at 10.9.132.254.
- B. The packet was source-routed.
- C. The device at 192.168.5.119 is on the same subnet as the next hop for the device at 10.9.132.254.
- D. The device that produced the output uses different interfaces to send and receive traffic to and from the device at 10.9.132.254
- E. The device that produced the output uses the same interface to send and receive traffic to and from the device at 10.9.132.254

Answer: C, E

3. Which two statements about static routing are true? (choose two.)

- A. It provides better security than dynamic routing
- B. It is highly scalable as networks grow.
- C. It reduces configuration errors.

- D. It requires less bandwidth and fewer CPU cycles than dynamic routing protocols.
- E. It can be implemented more quickly than dynamic routing.

Answer: A ,D

4. Drag and drop the IPv6 discovery message on the left to the corresponding description on the right

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Answer:

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router advertisement	neighbor solicitation
neighbor advertisement	router advertisement
neighbor solicitation	router solicitation

5. Refer to the exhibit.

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ICMP: redirect sent to 192.168.5.119 for dest 10.9.132.254, use gw 192.168.5.1
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Answer: A, E