PASSEXAM 問題集

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EXAM

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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 bett first hop far a dectinaton
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 at starts up, requestring requesting local routers to transmit inforrnation

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

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 rnessage 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

5.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: A, E