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1.【多选题】Which three statements about link-state routing are true? (Choose three.)

A. Routes are updated when a change in topology occurs. A. Routes are updated when a change in topology occurs.

B. Updates are sent to a multicast address by default. B. Updates are sent to a multicast address by default.

C. OSPF is a link-state protocol. C. OSPF is a link-state protocol.

D. Updates are sent to a broadcast address. D. Updates are sent to a broadcast address.

E. RIP is a link-state protocolE. RIP is a link-state protocol

F. It uses split horizon. F. It uses split horizon.

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2.【多选题】Which two statements about RIPv2 are true? (Choose two)

A. It must be manually enabled after RIP is configured as the routing protocolA. It must be manually enabled after RIP is configured as the routing protocol

B. It uses multicast address 224.0.0.2 to share routing information between peersB. It uses multicast address 224.0.0.2 to share routing information between peers

C. its default administrative distances 120C. its default administrative distances 120

D. It is a link-state routing protocolD. It is a link-state routing protocol

E. It is an EGP routing protocolE. It is an EGP routing protocol

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3.【单选题】If two OSPF neighbors have formed complete adjacency and are exchanging linkstate advertisements, which state have they reached?

A. Exstart

B. 2-Way

C. FULL

D. Exchange

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4.【单选题】Which command must you enter to enable OSPFV2 in an IPV4 network?

A. ip ospf hello-interval seconds

B. router ospfv2 process-id

C. router ospf value

D. router ospf process-id

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5.【多选题】Which two steps must you perform on each device that is configured for IPv4 routing before you implement OSPFv3?(Choose two)

A. configure an autonomous system numberA. configure an autonomous system number

B. configure a loopback interfaceB. configure a loopback interface

C. configure a router IDC. configure a router ID

D. Enable IPv6 on an interfaceD. Enable IPv6 on an interface

E. Enable IPv6 unicast routingE. Enable IPv6 unicast routing