

08

1. 【单选题】 Which command can you enter to configure an IPV6 floating static route?

- A. Router(config)# ipv6 route FE80:0202::/32 serial 0/1 201
- B. Router(config)# ipv6 route::/0 serial0/1
- C. Router(config)# ipv6 route static resolve default
- D. Router(config)# ipv6 route FE80:0202::/32 serial 0/1 1

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2. 【多选题】 Which two are advantages of static routing when compared to dynamic routing?(choose two)

- A. Security increases because only the network administrator may change the routing tables. A. Security increases because only the network administrator may change the routing tables.
- B. Configuration complexity decreases as network size increases. B. Configuration complexity decreases as network size increases.
- C. Routing updates are automatically sent to neighbors. C. Routing updates are automatically sent to neighbors.
- D. Route summarization is computed automatically by the router. D. Route summarization is computed automatically by the router.
- E. Routing traffic load is reduced when used in stub network links E. Routing traffic load is reduced when used in stub network links
- F. An efficient algorithm is used to build routing tables, using automatic updates. F. An efficient algorithm is used to build routing tables, using automatic updates.
- G. Routing tables adapt automatically to topology changes. G. Routing tables adapt automatically to topology changes.

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3. 【多选题】 Which two statements about floating static routes are true? (Choose two)

- A. They are routes to the exact /32 destination address A. They are routes to the exact /32 destination address
- B. They are used when a route to the destination network is missing B. They are used when a route to the destination network is missing
- C. They have a higher administrative distance than the default static route administrative distance C. They have a higher administrative distance than the default static route administrative distance
- D. They are used as back-up routes when the primary route goes down D. They are used as back-up routes when the primary route goes down
- E. They are dynamic routes that are learned from a server E. They are dynamic routes that are learned from a server

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4. 【单选题】 If router R1 knows a static route to a destination network and then learns about the same destination network through a dynamic routing protocol, how does R1 respond?

- A. It refuses to advertise the dynamic route to other neighbors
- B. It sends a withdrawal signal to the neighboring router
- C. It disables the routing protocol
- D. It prefers the static route

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5. 【多选题】 Which three statements about static routing are true? (Choose three.)

- A. It uses consistent route determination A. It uses consistent route determination
- B. It is best used for small-scale deployments. B. It is best used for small-scale deployments.
- C. Routing is disrupted when links fail. C. Routing is disrupted when links fail.
- D. It requires more resources than other routing methods. D. It requires more resources than other routing methods.
- E. It is best used for large-scale deployments. E. It is best used for large-scale deployments.

F. Routers can use update messages to reroute when links fail. F. Routers can use update messages to reroute when links fail.