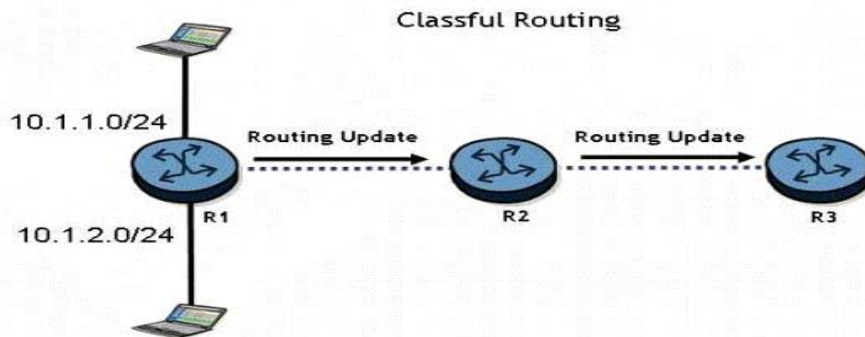


Latest Version: 6.0

Question: 1

Click the exhibit button.

Exhibit 1.1.j



Routers R1, R2, and R3 are running a classful routing protocol between them. Assuming that router R1 advertises all directly connected networks, how will these networks be represented in router R3's routing table?

- A. Router R3's routing table can only contain one of the routes, which will result in route flapping.
- B. Router R3's routing table will have one entry for 10.1.1.0/24 and one entry for 10.1.2.0/24.
- C. The networks will be represented with one entry of 10.0.0.0/8 in router R3's routing table.
- D. The networks will be represented with one entry of 10.0.0.0/24 in router R3's routing table.

Answer: C

Question: 2

In an IP datagram, which of the following fields identifies the receiving application?

- A. The protocol field of the transport layer header.
- B. The port field of the transport layer header.
- C. The protocol field of the network layer header.
- D. The port field of the network layer address.

Answer: B

Question: 3

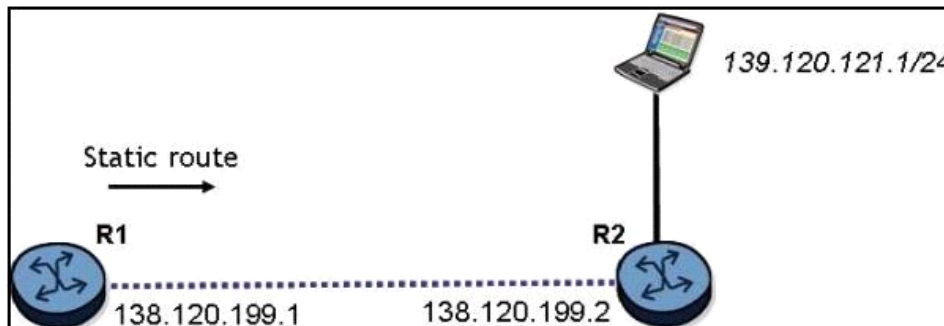
Static routing will be used in a network between a corporate head office, with many connected networks, and a branch office, with one connection to the head office. Which of the following best describes the likely configuration?

- A. The corporate head office router will have a default route and the branch site will have a more specific static route.
- B. The corporate head office router and the branch office router will both have specific static routes.
- C. The corporate head office router and the branch router will both have default routes.
- D. The corporate head office router will have a more specific static route and the branch office router will have a default route.

Answer: D

Question: 4

Click the exhibit button.



What is the command to configure a static route on the Nokia 7750 SR router R1 to reach the network behind router R2?

- A. configure router static-route 139.120.121.0/24 next-hop 138.120.199.2
- B. configure router static-route 139.120.121.0/24 next-hop 138.120.199.1
- C. configure router static-route 138.120.199.2/24 next-hop 138.120.199.1
- D. configure router static-route 139.120.121.0/24 next-hop 139.120.121.2

Answer: A

Question: 5

There is an IP host with IP address 10.2.3.1. A static route is created, using the "configure router static-route 10.2.3.0/24 next-hop 10.1.2.1" command. What is the correct traceroute command to test this static route on an Nokia 7750 SR?

- A. traceroute 10.2.3.1
- B. traceroute 10.2.3.1 next-hop 10.1.2.1
- C. traceroute next-hop 10.1.2.1
- D. traceroute does not work on the Nokia 7750 SR.
- E. traceroute 10.1.2.1

Answer: A
