Ourexam

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Exam : **FN0-103**

Title : Foundry Networks Certified Network Professional

Version : DEMO

1. Which RMON group provides samplings of packet and error statistics captured at regular intervals?

A. events

B. alarms

C. statistics

D. history

Answer: D

2. How does a switch communicate bridge IDs to neighboring switches?

A. RIP

B. ICMP

C. IP

D. BPDU

Answer: D

3. Which of the following is a link state routing protocol?

A. IPX

B. LAT

C. IGRP

D. OSPF

Answer: D

4. Which routing solution prevents loop problems by sending a maximum hop count when a link goes down?

A. Split horizon

B. Poison reverse

C. STP

D. OSPF

Answer: B

5. What transport layer protocol provides a connection oriented service?

A. UDP

B. STP

C. TCP

D. ARP

Answer: C

6. OSPF routers with membership in multiple areas are known as which of the following?

A. autonomous system boundary router

B. autonomous system

C. area border router

D. link-state advertisement

Answer: C

7. Switch sw-FWS2 (see diagram) is running 802.1w (RSTP), with default settings. It has a crossover cable between ports e38 and e48. Select the combination of port titles that match the ports.
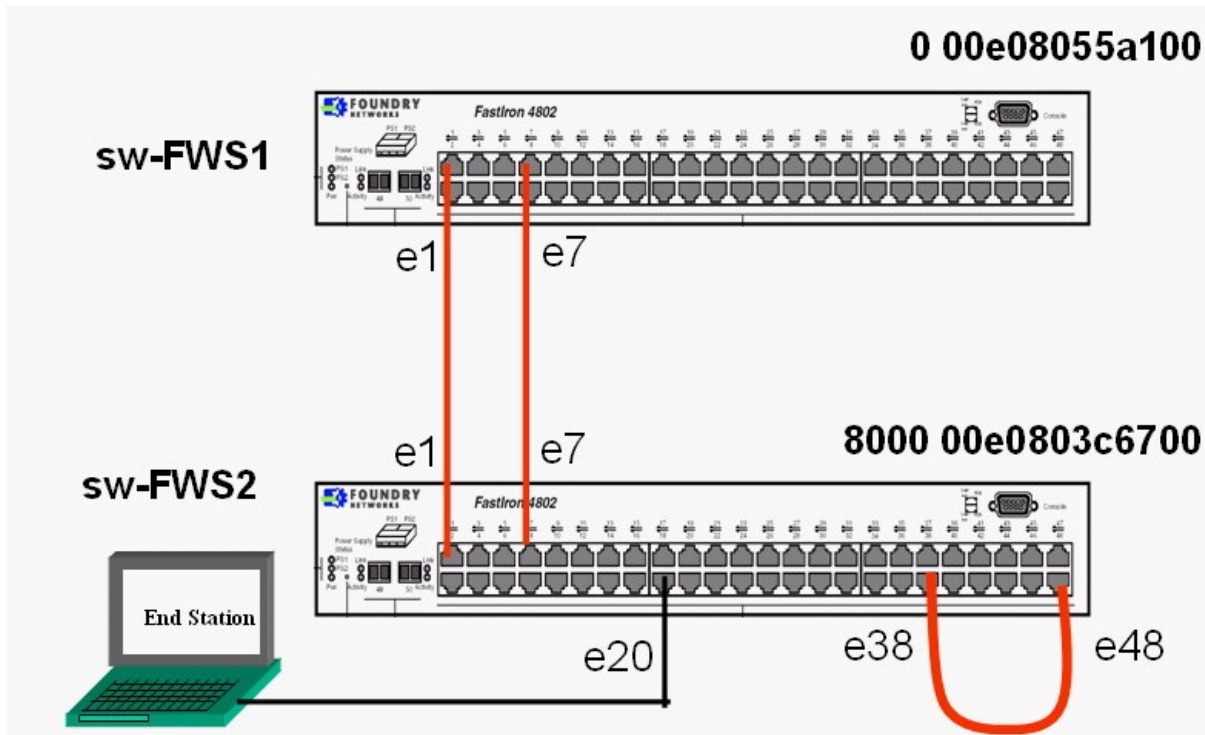
A. e38: Root Port   e48: Alternate Port

B. e38: Designated Port   e48: Designated Port

C. e38: Alternate Port   e48: Root Port

D. e38: Backup Port   e48: Designated Port

E. e38: Designated Port   e48: Backup Port.

Answer: E

8. BPDUs send configuration information messages using what type of frames?

A. unicast

B. multicast

C. tcp

D. udp

Answer: B

9. What is the difference between TACACS+ and TACACS?

A. TACACS is an enhancement to TACACS+

B. TACACS is TCP based and TACACS+ is UDP based

C. TACACS+ provides encryption and uses TCP.

D. TACACS+ provides encryption and uses UDP.

Answer: C

10. What is the standard IP multicast address for all routers?

A. 224.0.0.18

B. 224.0.0.1

C. 224.0.0.0

D. 224.0.0.2

Answer: D

11. Which of the following ranges are defined as well-known port numbers?

A. 0-255

B. 1-256

C. 1-1023

D. 1-2048

Answer: C

12. Which 802.1d state will a switches Root Port and Designated Port enter after the 2 nd expiration of the

forwarding-delay timer.

A. Learning

B. Listening

C. Forwarding

D. Blocking

Answer: C

13. What are OSPF routers that run multiple protocols and serve as gateway to routers outside an area

and those operating with different protocols?

A. area border router

B. autonomous system boundary router

C. autonomous system

D. redistribution router

Answer: B

14. What is the maximum hop count allowed by RIP?

A. 15

B. 10

C. 255

D. no limit

Answer: A

15. Access list filters should be applied closest to the source node or network where you want to deny access?

A. True

B. False

Answer: A

16. In this RIP network, the administrator wants to ensure that all traffic between server1 and server2 is routed through router 1 and that router 1 is seen as the primary router. To ensure that this occurs, the administrator should configure which of the following?
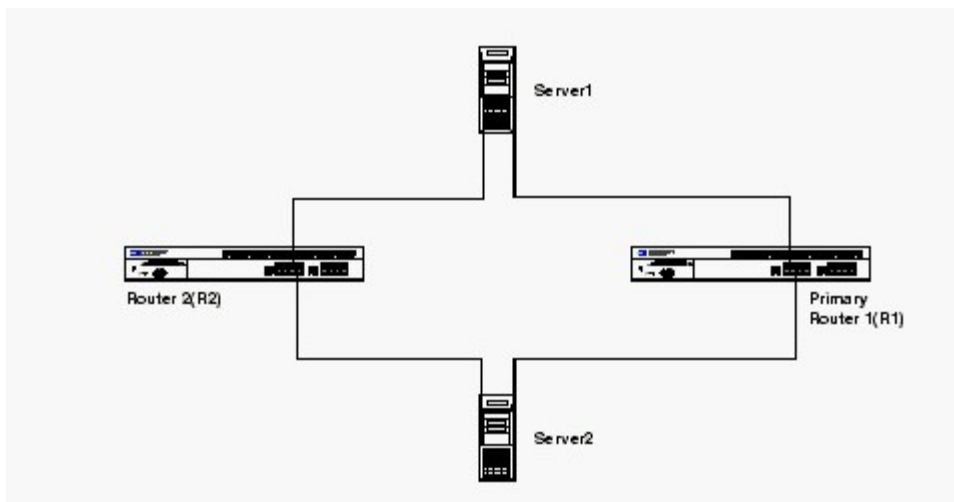
A. Assign higher hop counts to the router interfaces on router 1

B. Assign higher hop counts to the router interfaces on router 2

C. Assign a higher hop count between Server 1 and R1, and lower hop count between Server 2 and R1

D. Assign a lower hop count between Server 1 and R2, and a higher hop count between Server 2 and R2

Answer: B

17. Which STP bridge parameter manages the interval a bridge will wait for receipt of a hello packet before initiating a topology change?

A. priority

B. forward delay

C. maximum age

D. hello time

Answer: C

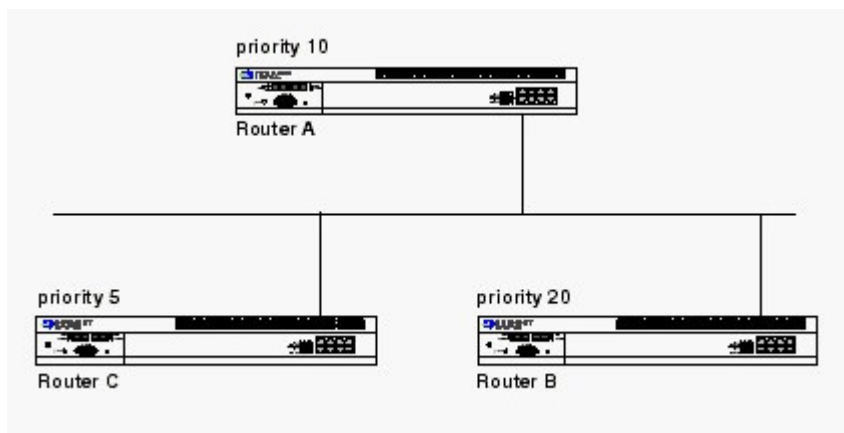18. What routing metric does RIP use to select the best path?

A. hop count

B. delay

C. TTL

D. bandwidth

Answer: A

19. The diagram shows an OSPF network with no designated router (DR) and no backup designated router (BDR).   Which of the following statements identifiy which routers will be selected DR and BDR?

A. Router C is DR, Router B is BDR

B. Router B is DR, Router A is BDR

C. Router B is BDR, Router A is DR

D. Router A is DR, Router C is BDR

Answer: B

20. In which 802.1d state does a switch build its MAC tables?

A. Learning

B. Listening

C. Forwarding

D. Blocking

Answer: A