

CCNA - WAN Technologies

13. What is the result of the given Cisco Catalyst switch port security configuration? (Choose two)

- A. Prevents unknown devices with unknown MAC addresses from sending data through the switch ports.
- B. If a user connects a switch to the cable, prevents multiple devices from sending data through the port.

14. What is the Administrative Distance of internal EIGRP routes?

- B. 90

15. When a subnet mask is presented in binary, what do the binary 1s represent?

- A. The network portion of an associated address

16. Which switch would STP choose to become the root bridge in the selection process?

- A. 32768: 11-22-33-44-55-66 (lowest Bridge ID)

17. Which of the following devices is used by the service provider to provide WAN services?

- D. CSU/DSU

18. Which command displays the addresses handed out by a Cisco IOS DHCP server?

- D. show ip dhcp bindings

19. Which command enables EIGRP only for interfaces in 10.1.1.0/26?

- A. network 10.1.1.0 0.0.0.63

20. What command makes R3 advertise a default route in OSPFv3?

- E. Have R3 use the command default-information originate always in OSPFv3 router configuration mode.

21. Which command verifies NAT interfaces on a Cisco router?

F. show ip nat statistics

22. What does the 'u' flag mean in 'show EtherChannel summary'?

C. In use

23. Which command is used to encrypt passwords?

D. All of the above

24. Which command identifies IPv4 addresses in a DHCP pool?

A. network

25. Which are true about ACL processing on router interfaces? (Choose two)

A. Inbound ACLs will be processed before the routing table lookup occurs

C. Outbound ACLs will be processed after the routing table lookup has occurred

26. Which conditions could prevent full OSPFv2 route learning? (Choose two)

A. An ACL could be blocking router advertisements.

C. Any physical layer problem preventing neighbor routers from pinging each other.

27. What are functions of IPv6 Neighbor Discovery? (Choose two)

A. Determines the link layer address of a neighbor

D. Queries for duplicate addresses

28. Which IPv6 prefix is typically assigned to enterprise networks by providers?

E. /48

29. How should a switch be configured for remote access?

C. Configure a gateway for the switch

30. What conclusions can be made about the small network design?

B. Spanning-tree will need to be used

D. The connection between switches should be a trunk