

13. Port Security (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. Administrative Distance of internal EIGRP:

- ✓ **B. 90**

15. Binary 1s in a subnet mask represent:

- ✓ **A.** The network portion of an associated address

16. STP root bridge selection (lowest priority + MAC wins):

- ✓ **A. 32768: 11-22-33-44-55-66**

17. Device used by ISP for WAN services:

- ✓ **D. CSU/DSU**

18. Show DHCP assigned addresses:

- ✓ **D. show ip dhcp bindings**

19. Enable EIGRP only for 10.1.1.0 – 10.1.1.63:

✓✓ **A. network 10.1.1.0 0.0.0.63**

20. OSPFv3 default route always advertised:

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

21. Verify inside/outside NAT interfaces:

✓✓ **E. show ip interface**

22. “u” flag in EtherChannel summary means:

✓✓ **C. In use**

23. Command to encrypt passwords:

✓✓ **D. All of the above**

(All mentioned commands encrypt passwords or use hashed formats.)

24. Command to set addresses in DHCP pool:

✓✓ **A. network**

25. ACL Processing (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. What could stop OSPFv2 route learning? (Choose two):

✓A. An ACL could be blocking router advertisements

✓C. Physical layer issues like cabling problems

27. IPv6 Neighbor Discovery (Choose two):

✓A. Determines the link layer address of a neighbor

✓D. Queries for duplicate addresses

28. IPv6 prefix typically given to enterprises by ISPs:

✓E. /48

29. How to configure a switch for remote access:

✓C. Configure a gateway for the switch

30. Network design with VLAN redundancy – Conclusion:

✓B. Spanning-tree will need to be used

✓D. The connection between switches should be a trunk

