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Section - 08
CSE421 LAB01

Question/ Answer:

1. What type of cable is used to connect the Ethernet interface on a host PC to the Ethernet interface on a switch?

Ans: Copper Straight-Through.

2. What type of cable is used to connect the Ethernet interface on a switch to the Ethernet interface on a router?

Ans: Copper Straight-Through.

3. What type of cable is used to connect the Ethernet interface on a router to the Ethernet interface on a host PC?

Ans: Copper Crossover.

4. When the prompt returns, issue the reload command. Answer no if asked to save changes. What would happen if you answered yes to the question, "System configuration has been modified. Save?"

Ans: It would have saved the system configuration. However, we want a fresh start and so we said no.

5. Why would you want to disable DNS lookup in a lab environment?

Ans: To not waste the time by correcting a command when I write something wrong.

6. What would happen if you disabled DNS lookup in a production environment?

Ans: If I turned off DNS lookup in a production environment, a router would not be able to resolve names, which could lead to issues when the router needs an IP address to address a packet.

7. Why is it not necessary to use the enable password password command?

Ans: For security. If we use the enable password command, we can see the password by commanding the show run command. But enable secret command encrypts the password and doesn't allow anyone to see it.

8. When does this banner display?

Ans: When a user login into the route.

9. Why should every router have a message-of-the-day banner?

Ans: To provide a warning to intentional or unintentional unauthorized access.

10. What is a shorter version of this command?

Ans: copy run start.