1. **Why would you want to disable DNS lookup in a Router/Switch?**

The router's DNS lookup function is activated by default if a Cisco router is initially configured. This feature is only useful when a router uses a network DNS server; otherwise, it causes users delays. The DNS lookup function seeks to locate the URL on the DNS server if the wrong URL is typed. If there is no DNS server available, the machine of the user is hanged during quest. Deactivate the DNS lookup feature on the Cisco router to minimize user delays if no DNS server is configured. Overall, to keep the router from attempting to resolve domain names that are topographical errors.

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

When both are configured, the router defaults to the enable secret password**.**

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

A rollover cable.

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

Straight-through patch cable.

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

Ethernet Cross-over cable