NANYANG POLYTECHNIC
IT1X62 Network Technology

Tutorial 8 – Basic Device Configuration

1. Which type of access is secured on a Cisco router or switch with the enable secret command?

    A. virtual terminal

    B. console line

    C. AUX port

    D. privileged EXEC

2. When a hostname is configured through the Cisco CLI, which three naming conventions are part of the guidelines? (Choose three.)

    A. the hostname should be written in all lower case characters

    B. the hostname should end with a special character

    C. the hostname should be fewer than 64 characters in length

    D. the hostname should begin with a letter

    E. the hostname should contain no spaces

3. What is the function of the shell in an OS?

    A. It interfaces between the users and the kernel.

    B. It interacts with the device hardware.

    C. It provides dedicated firewall services.

    D. It provides the intrusion protection services for the device.

4. Which memory location on a Cisco router or switch will lose all content when the device is restarted?

    A. ROM

    B. flash

    C. NVRAM

    D. RAM

NANYANG POLYTECHNIC
IT1X62 Network Technology

5. Why would a technician enter the command copy startup-config running-config?

    A. to remove all configurations from the switch

    B. to save an active configuration to NVRAM

    C. to make a changed configuration the new startup configuration

    D. to copy an existing configuration into RAM

6. Which command is used to encrypt all passwords in a router configuration file?

    A. Router_A (config) # enable password <password>

    B. Router_A (config) # enable secret <password>

    C. Router_A (config) # encrypt password

    D. Router_A (config) # service password-encryption

7. Which command can be used on a Cisco router to display all interfaces, the IPv4 address assigned, and the current status?

    A. show ip interface brief

    B. show interface fa0/1

    C. show ip route

    D. ping

8. Which characteristic describes the default gateway of a host computer?

    A. the IP address of the router interface on the same network as the host computer

    B. the MAC address of the switch interface connected to the host computer

    C. the MAC address of the router interface on the same network as the host computer

    D. the IP address assigned to the switch interface connected to the router