

NANYANG POLYTECHNIC
IT1304 Network Administration

Tutorial 11 – **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

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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