

Part 1:

How many Fast Ethernet interfaces does the switch have? Answer: 25

How many Gigabit Ethernet interfaces does the switch have? Answer: 2

What is the range of values shown for the vty lines? Answer: 0 – 15

Which command will display the current contents of non-volatile random-access memory (NVRAM)?
Answer: show startup-config

Why does the switch respond with “startup-config is not present?” Answer: Configuration file wasn’t saved to NVRAM. It’s only located in RAM.

Part 2:

Why is the login command required? Answer: For the password verification process to work, it needs the login and password commands.

What is displayed for the enable secret password? Answer: \$1\$mERr\$ILwq/b7kc.7X/ejA4Aosn0

Why is the enable secret password displayed differently from what we configured? Answer: The secret is shown in encrypted form.

Part 3:

When will this banner be displayed? Answer: When someone enters the switch through the console port

Why should every switch have a MOTD banner? Answer: To warn unauthorized users that access is prohibited but can also be used for sending messages to network personnel/technicians.

Part 4:

What is the shortest, abbreviated version of the copy running-config startup-config command?
Answer: copy

Which command will display the contents of NVRAM? Answer: show startup-config

Are all the changes that were entered recorded in the file? Answer: Yes