CCNA 640-802 Bible - Verify Device Configuration and Network Connectivity

1. Refer to the exhibit. What is the effect of the configuration that is shown?

```
line vty 0 4
 password 7 030752180500
 login
 transport input ssh
           www.ciscobible.net
```
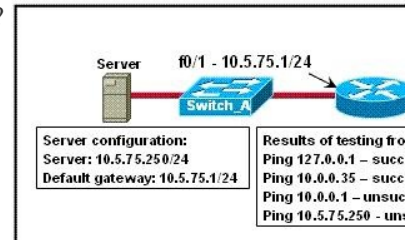
A: It configures SSH globally for all logins. B: It tells the router or switch to try to establish an SSh connection first and if that fails to use Telnet. C: It configures the virtual terminal lines with the password 030752180500. D: It configures a Cisco network device to use the SSH protocol on incoming communications via the virtual terminal ports. E: It allows seven failed login attempts before the VTY lines are temporarily shutdown. **Correct Answers: D** 2. This graphic shows the results of an attempt to open a Telnet connection to router ACCESS1 from router Remote27. Which of the following command sequences will correct this problem?

```
Remote27#
Remote27#telnet access1
Trying ACCESS1 (10.0.0.1)... Open


Password required, but none set

[Connection to access1 closed by foreign host]
Remote27#    www.ciscobible.net
```

A: ACCESS1(config)# line console 0 ACCESS1(config-line)# password cisco B: Remote27(config)# line console 0 Remote27(config-line)# login Remote27(config-line)# password cisco C: ACCESS1(config)# line vty 0 4 ACCESS1(config-line)# login ACCESS1(config-line)# password cisco D: Remote27(config)# line vty 0 4 Remote27(config-line)# login Remote27(config-line)# password cisco E: ACCESS1(config)# enable password cisco F: Remote27(config)# enable password cisco **Correct Answers: C** 3. Refer to the exhibit. A technician is troubleshooting a host connectivity problem. The host is unable to ping a server connected to Switch_A. Based on the results of the testing, what could be the problem?

Server   f0/1 - 10.5.75.1/24
Switch_A

Server configuration:
Server: 10.5.75.250/24
Default gateway: 10.5.75.1/24

Results of testing fro
Ping 127.0.0.1 – succ
Ping 10.0.0.35 – succ
Ping 10.0.0.1 – unsuc
Ping 10.5.75.250 - uns

A: A remote physical layer problem exists. B: The host NIC is not functioning. C: TCP/IP has not been correctly installed on the host. D: A local physical layer problem exists. **Correct Answers: D** 4. An administrator issues the command ping 127.0.0.1 from the command line prompt on a PC. If a reply is received, what does this confirm? A: The PC has connectivity with a local host. B: The PC has connectivity with a Layer 3 device. C: The PC has a default gateway correctly configured. D: The PC has connectivity up to Layer 5 of the OSI model. E: The PC has the TCP/IP protocol stack correctly installed. **Correct Answers: E** Explanation: Every Windows based PC uses the 127.0.0.1 as the local loopback IP address. Every PC will respond to this local IP address if the TCP/IP stack is correctly installed and running on the machine. If you cannot ping the loopback address of 127.0.0.1, then something is wrong with the TCP/IP protocol stack.