**Exam Code:** 640-821

**Exam Name:** INTRO

**Vendor:** CISCO

**Version:** DEMO

# Part: A

1: Refer to the exhibit. Why was this message received?

```
WG1R2#telnet 10.3.1.2
Trying 10.3.1.2 ... Open


Password required, but none set

[Connection to 10.3.1.2 closed by foreign host]
WG1R2#_
```

A.No VTY password has been set.

B.No enable password has been set.

C.No console password has been set.

D.No enable secret password has been set.

E.The login command has not been set on CON 0.

F.The login command has not been set on the VTY ports.

**Correct Answers: A**


2: A network administrator needs to create 29 subnetworks while maximizing the number of host addresses available on each subnet. How many bits must be borrowed from the host field of the network address to provide the required number of subnets with the most hosts per subnet?

A.2

B.3

C.4

D.5

E.6

F.7

**Correct Answers: D**


3: Refer to the exhibit. If host A sends an IP packet to host B, what will the OSI Layer 3 source address be in the packet when it reaches host B?
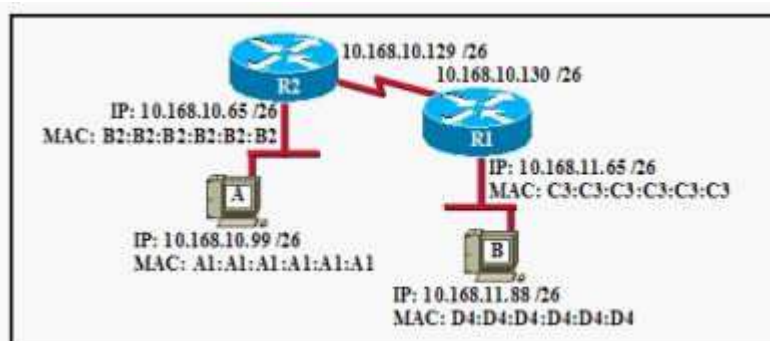


A.10.168.10.99

B.10.168.11.88

C.10.168.11.65

D.A1:A1:A1:A1:A1:A1

E.B2:B2:B2:B2:B2:B2

F.C3:C3:C3:C3:C3:C3

**Correct Answers: A**

4: What is the difference between the Cisco router IOS commands show cdp neighbor detail and show cdp entry?

A.The show cdp neighbor detail command shows all neighbor information, while show cdp entry displays only one line of output for each neighbor.

B.The show cdp entry command shows neighbor information for specific neighbors only, while show cdp neighbor detail lists each neighbor with detailed output on each.

C.The show cdp entry command shows neighbor information for all neighbors with one line of output for each, while show cdp neighbor detail lists each neighbor with detailed output on each.

D.The show cdp neighbor detail command shows neighbor information for a single neighbor only, while show cdp entry displays detailed output on each neighbor known.

**Correct Answers: B**

5: Refer to the exhibit. A person is trying to send a file from a host on Network A of the JAX Company to a server on Network Z of the XYZ Company. The file transfer fails. The host on Network A can communicate with other hosts on Network A. Which command, issued from router RTA, would be the most useful for troubleshooting this problem?
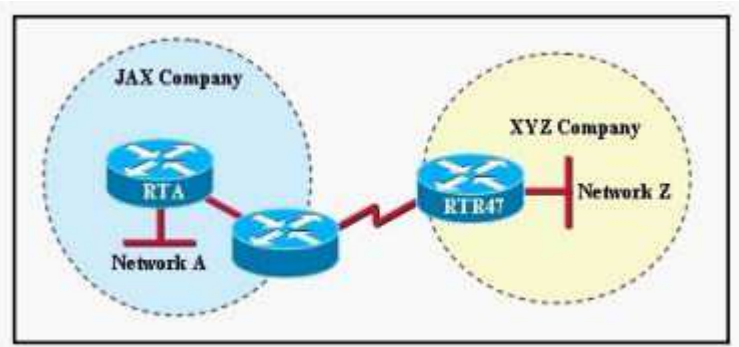


A.show flash:

B.show history

C.show version

D.show interfaces

E.show controllers serial

**Correct Answers: D**

7: Which Layer 4 protocol is used for a Telnet connection?

A.IP

B.TCP

C.UDP

D.ICMP

E.DNS

**Correct Answers: B**

8: What is the subnet address of 172.16.159.159/22?
A.172.16.0.0
B.172.16.128.0
C.172.16.156.0
D.172.16.159.0
E.172.16.159.128
F.172.16.192.0
**Correct Answers: C**

9: What is the purpose of flow control?
A.to ensure data is retransmitted if an acknowledgment is not received
B.to reassemble segments in the correct order at the destination device
C.to provide a means for the receiver to govern the amount of data sent by the sender
D.to regulate the size of each segment
**Correct Answers: C**

10: During the boot sequence, a 2600 series router needs to locate and load an operating system.
What is the default order the router uses to find an operating system?
A.Flash, TFTP server, ROM
B.Flash, TFTP server, RAM
C.Flash, NVRAM, TFTP server
D.ROM, TFTP server, Flash
E.Flash, ROM, TFTP server
**Correct Answers: A**

11: What is the subnet address for the IP address 172.19.20.23/28?
A.172.19.20.0
B.172.19.20.15
C.172.19.20.16
D.172.19.20.20
E.172.19.20.32
**Correct Answers: C**

12: Which two statements describe the IP address 10.16.3.65/23? (Choose two.)
A.The subnet address is 10.16.3.0 255.255.254.0.
B.The lowest host address in the subnet is 10.16.2.1 255.255.254.0.
C.The last valid host address in the subnet is 10.16.2.254 255.255.254.0
D.The broadcast address of the subnet is 10.16.3.255 255.255.254.0.
E.The network is not subnetted.
**Correct Answers: B D**

13: An administrator issues the show ip interface s0/0 command and the output displays the line Serial0/0 is up, line protocol is upWhat does "line protocol is up" specifically indicate about the interface?

A.Keepalives are being received on the interface.

B.The cable is attached properly.

C.CDP has discovered the connected device.

D.A carrier detect signal has been received from the connected device.

E.IP is correctly configured on the interface.

**Correct Answers: A**

14: The Hub and Spoke routers are directly connected through their serial interfaces for purposes of testing. Based on the output shown in the exhibit, what must be done to make the serial line operational?



```
Hub# show controllers s0/0
Interface Serial0/0
Hardware is PowerQUICC MPC860
DTE V.35 clocks stopped.
idb at 0x81DE2098, driver data structure at 0x81DE4DF4
SCC Registers:

Hub# show ip interface s0/0
Serial0/0 is up, line protocol is down
  Internet address is 192.168.1.2/24
  Broadcast address is 255.255.255.255

<some output omitted>
```

A.Start the clock on the Hub router.

B.Change the IP address on the Spoke router.

C.Configure the serial 0/0 interface on the Spoke router with a clockrate.

D.Replace the broken cable between the two devices.

E.Use the no shutdown command on the Hub router.

**Correct Answers: C**

15: Which command will reinitialize the router and totally replace the running configuration with the current startup configuration?

A.router# reload

B.router# copy tftp startup-config

C.router# copy startup-config running-config

D.router# copy running-config flash

E.router# setup

F.router# restart

**Correct Answers: A**