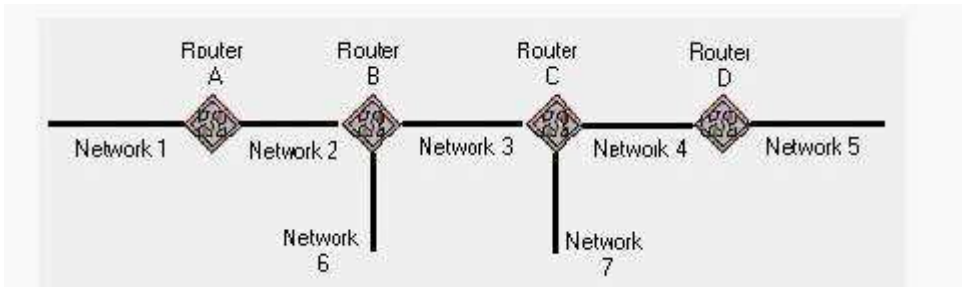


**Exam** : **50-649**

**Title** : tcp/ip for networking  
professionals

**Version** : DEMO

1.Examine the graphic below.



A.2

B.3

C.4

D.15

E.16

F.Router C does not advertise routes for Network 6 over Network 3.

**Correct:F**

2.What does TFTP use to maintain data packet order?

A.Pointers B.Sequence numbers

C.Acknowledgements

D.Fixed-length packets

E.A single data packet

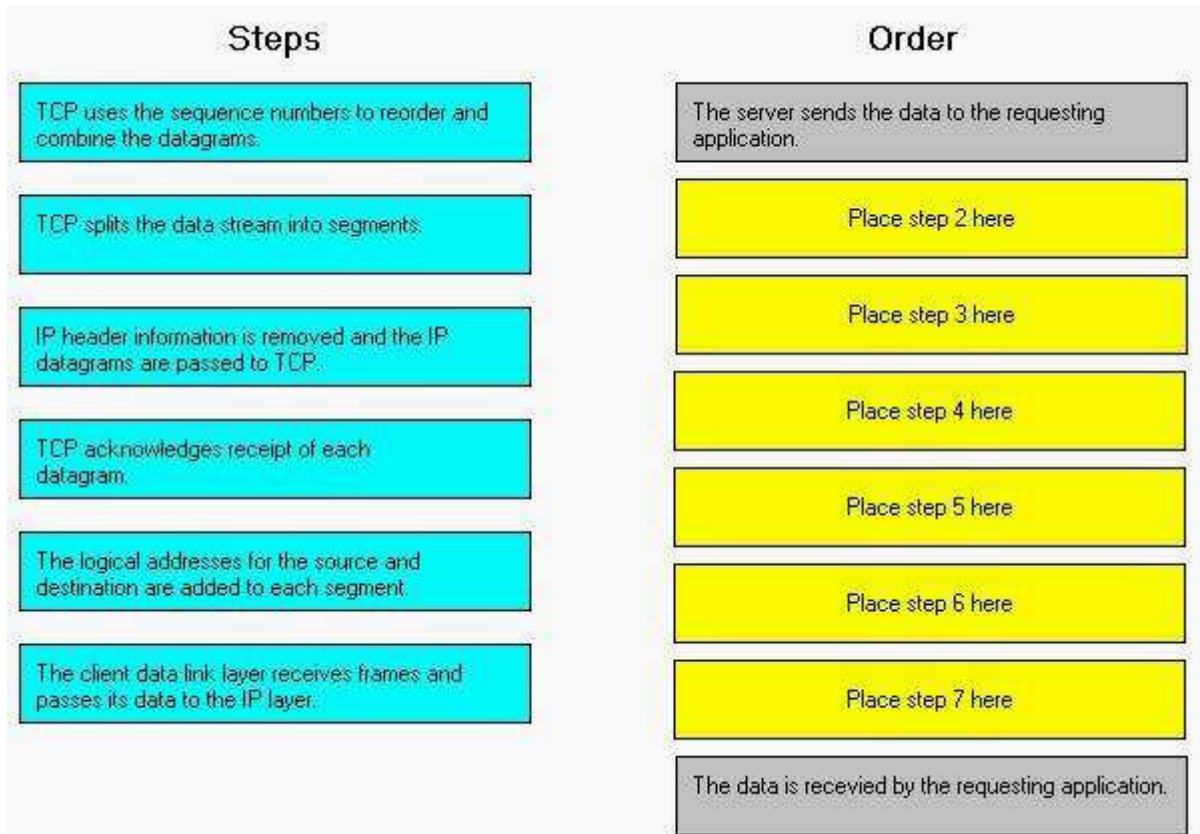
**Correct:C**

3.What TCP/IP protocol allows users to remotely access a system as if they were directly connected to the remote machine? (Enter the acronym only.) Answer:

A.TELNET

**Correct:A**

4.Perform the drag-and-drop task. Begin by clicking the Drag-and-Drop button. When you finish, continue to the next question by clicking the Next button. The graphic shows the steps for data exchange between a server and a requesting client application using the TCP protocol. Two steps are already in place. Arrange the remaining steps in the correct order by dragging each step to the correct location.



**Correct:**

**Green choice2---->Yellow Choice1**

**Green choice5---->Yellow Choice2**

**Green choice6---->Yellow Choice3**

**Green choice3---->Yellow Choice4**

**Green choice4---->Yellow Choice5**

**Green choice1---->Yellow Choice6**

**5.How many keys are used for public-key encryption? (Enter a number.) Answer:**

A.2

**Correct:A**

**6.Which mechanisms can be used to obtain a dynamic IP address? (Choose 3.)**

A.DNS

B.ARP

C.DHCP

D.RARP

E.ICMP

F.PING

G BOOTP

**Correct:C D G**

**7.What symptom can occur on a network when clients are configured with an incorrect subnet mask?**

A.Clients ARP for remote devices.

B.Dynamic route entries are added unnecessarily.

- C. Clients cannot obtain an IP address using DHCP.
- D. Routers send ICMP port unreachable messages for remote devices.

**Correct: A**

**8. Which steps are part of the TCP/IP error resolution process? (Choose 2.)**

- A. List all operating systems in use.
- B. Examine the communication process.
- C. Begin capturing all network packets.
- D. Identify the possible points of failure.

**Correct: B D**

**9. Your company uses the IP address 168.212.0.0 with subnets 168.212.64.0 and 168.212.128.0. What is the appropriate subnet mask for your company?**

- A. 255.255.0.0
- B. 255.255.128.0
- C. 255.255.192.0
- D. 255.255.224.0
- E. 255.255.255.0
- F. 255.255.255.128
- G. 255.255.255.192
- H. 255.255.255.224

**Correct: C**

**10. Which tool do you use to determine active processes on a host?**

- A. ROUTE
- B. PING/TPING
- C. TRACEROUTE
- D. Port scanner

**Correct: D**

**11. When do RIP routers advertise their routing information?**

- A. Every 30 seconds
- B. Every 60 seconds
- C. Anytime a change occurs
- D. When a request for information is received

**Correct: A**

**12. Which routing configuration provides a method for explicitly defining the next hop from a router to a particular destination?**

- A. Static
- B. Dynamic
- C. Directed
- D. Link state
- E. Distance vector

**Correct: A**

**13. What class of IP address is shown below? 233.4.71.222**

- A. Class A
- B. Class B
- C. Class C

D.Class D

E.Class E

**Correct:D**

**14.How often does an OSPF router rebuild its routing table information?**

A.Every 30 seconds

B.Every 60 seconds

C.Every five minutes

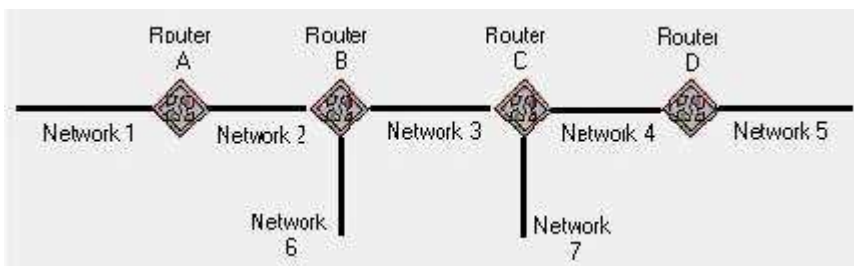
D.Every hour

E.At a predetermined interval

F.Only when a change occurs

**Correct:F**

**15.Examine the graphic below.**



A.1

B.2

C.3

D.4

E.15

F.16

G.Router B does not advertise routes for Network 7 on Network 2.

**Correct:B**

**16.What is a typical error symptom of a network that was not configured with a required DHCP relay agent?**

A.Clients cannot access their default gateway. B.Clients

cannot obtain an IP address using DHCP. C.Clients

cannot ping devices on another network. D.Clients

cannot use host names to reach other devices.

**Correct:B**

**17.Which Windows utilities can you use to examine the host's local IP address? (Choose 2.)**

A.PING

B.WINIPCFG

C.IPCONFIG

D.PORTSCAN

E.TRACEROUTE

**Correct:B C**

**18.Which protocol is used for generic communication between proxies or gateways and other Internet systems?**

A.FTP

- B.SMTP
- C.POP3
- D.HTTP
- E.Gopher

**Correct:D**

**19.Which protocol works in conjunction with IP to report errors?**

- A.TCP
- B.UDP
- C.IRC
- D.ICMP
- E.SNMP
- F.IGMP
- G.TELNET

**Correct:D**

**20.Which protocol provides hypermedia access to resources? (Enter the abbreviation only.)**

**Answer:**

- A.HTTP

**Correct:A**

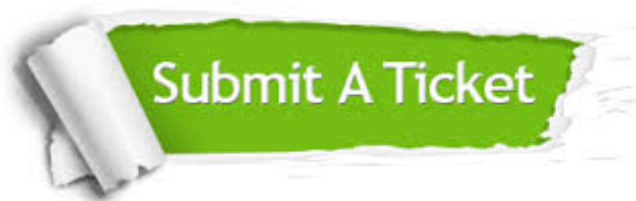
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