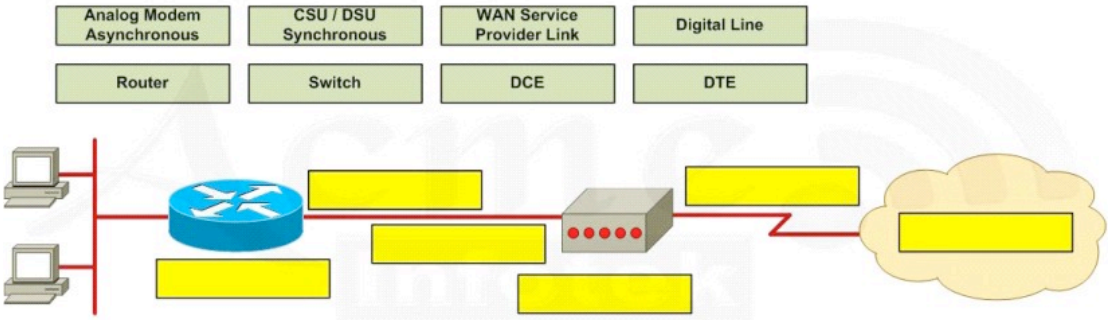
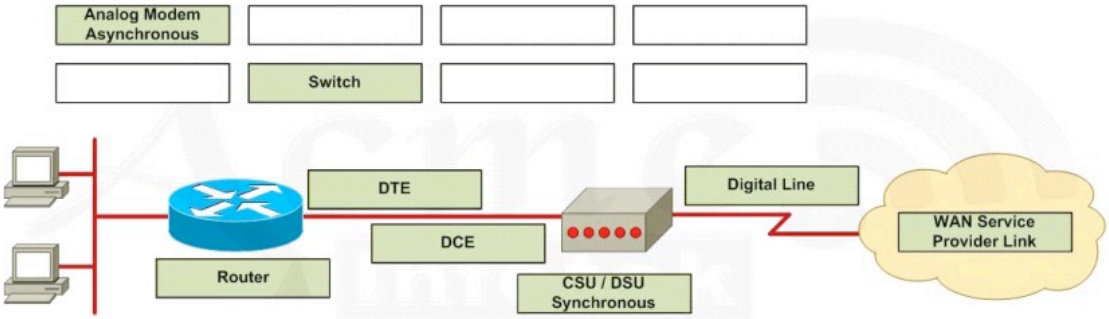
QUESTION 1

Refer to the exhibit. Complete the network diagram by dragging the correct device name or description to the correct location. Not all the names or descriptions will be used.



Correct Answer:



QUESTION 2

Drag the security features on the left to the specific risks they protect against on the right. (not all options are used)

access-group	remote access to device console
console password	access to the console 0 line
enable secret	access to connect networks or resources
CHAP authentication	viewing of passwords
VTY password	access to privileged mode
service password-encryption	

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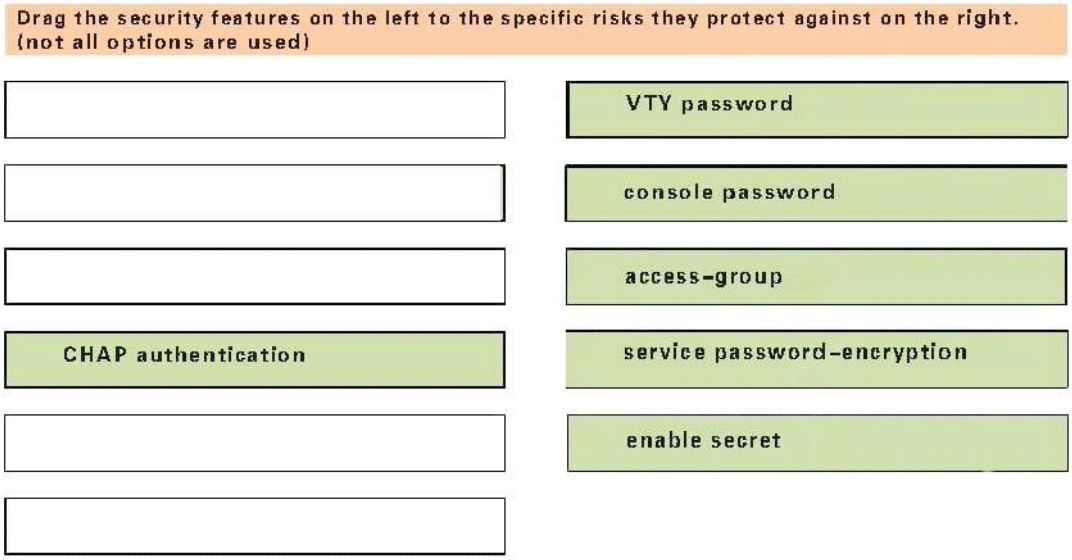
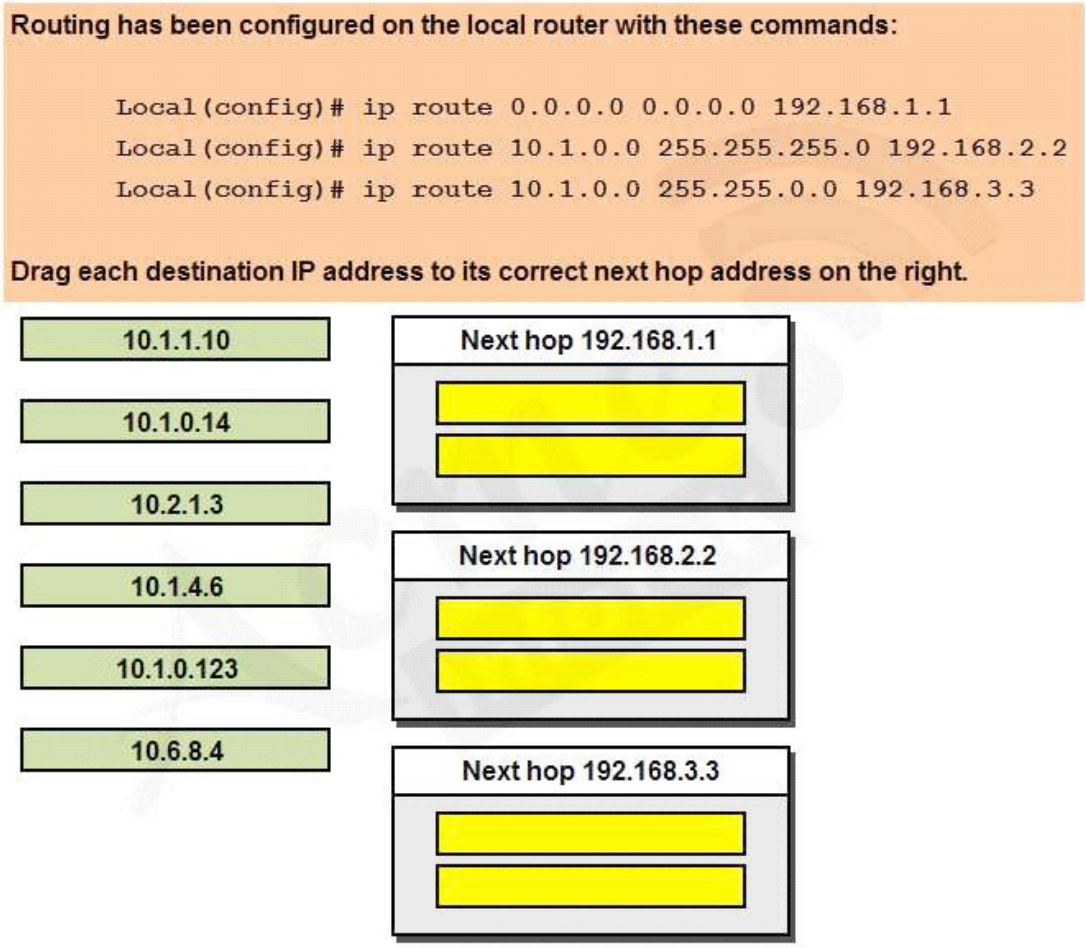
Correct Answer:



QUESTION 3

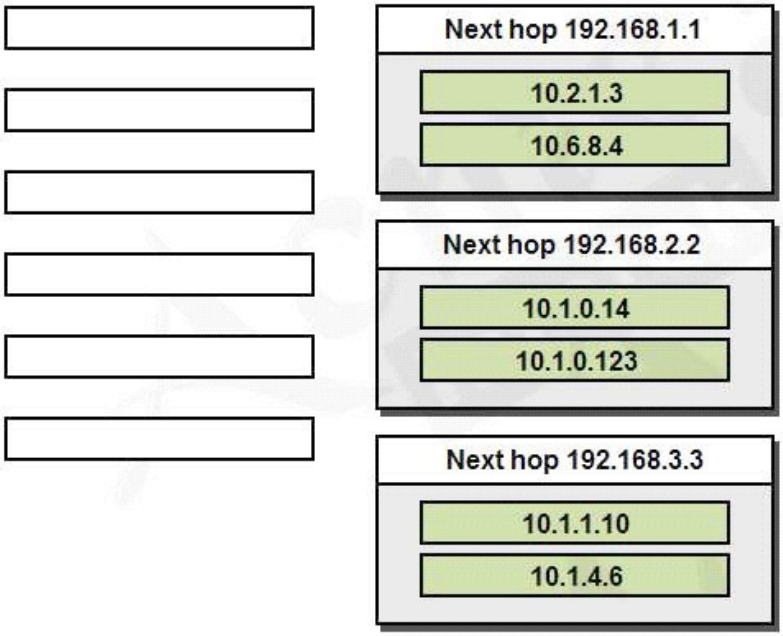


Correct Answer:

Routing has been configured on the local router with these commands:

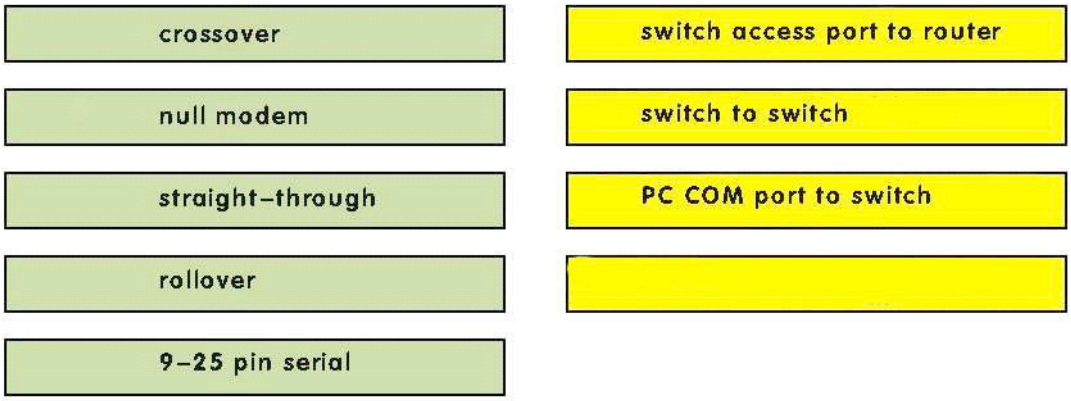
```
Local(config)# ip route 0.0.0.0 0.0.0.0 192.168.1.1
Local(config)# ip route 10.1.0.0 255.255.255.0 192.168.2.2
Local(config)# ip route 10.1.0.0 255.255.0.0 192.168.3.3
```

Drag each destination IP address to its correct next hop address on the right.



QUESTION 4

Drag the cable type on the left to the purpose for which it is best suited on the right. (NOT all options are used.)



Correct Answer:

Drag the cable type on the left to the purpose for which it is best suited on the right. (NOT all options are used.)

null modem	straight-through
9-25 pin serial	crossover
	rollover

QUESTION 5

Drag each category on the left to its corresponding router output line on the right.
Each router ouput line is in the result of a show ip interface command.
Not all categories are used.

Layer 1 problem	Serial0/1 is up, line protocol is up
Layer 2 problem	Serial0/1 is up, line protocol is down
Layer 3 problem	Serial0/1 is down, line protocol is down
port operational	Serial0/1 is administratively down, line protocol is down
port disabled	

Correct Answer:

Drag each category on the left to its corresponding router output line on the right.
Each router ouput line is in the result of a show ip interface command.
Not all categories are used.

	port operational
	Layer 2 problem
Layer 3 problem	Layer 1 problem
	port disabled

QUESTION 6

Drag the Cisco default administrative distance to the appropriate routing protocol or route
(Not all options are used.)

0	RIP
1	OSPF
20	static route referencing IP address of next hop
90	internal EIGRP route
100	directly connected network
110	
120	
130	

Correct Answer:

Drag the Cisco default administrative distance to the appropriate routing protocol or route
(Not all options are used.)

	120
	110
20	1
	90
100	0
130	

QUESTION 7

Drag the Frame Relay acronym on the left to match its definition on the right. (Not all acronyms are used.)

CIR	a router is this type of device
DCE	the most common type of virtual circuit
DTE	provides status messages between DTE and DCE devices
LMI	identifies the virtual connection between the DTE and the switch
PVC	
SVC	
DLCI	

Correct Answer:

Drag the Frame Relay acronym on the left to match its definition on the right. (Not all acronyms are used.)

CIR	DTE
DCE	PVC
	LMI
	DLCI
SVC	

QUESTION 8

A user is unable to connect to the Internet. Based on the layered approach to troubleshooting and beginning with the lowest layer. Follow the guide and drag the content to relevant modules

Verify URL	Step 1
Verify NIC operation	Step 2
Verify IP configuration	Step 3
Verify Ethernet cable connection	Step 4

Correct Answer:

A user is unable to connect to the Internet. Based on the layered approach to troubleshooting and beginning with the lowest layer. Follow the guide and drag the content to relevant modules

	Verify Ethernet cable connection
	Verify NIC operation
	Verify IP configuration
	Verify URL

QUESTION 9

Drag each definition on the left to the matching term on the right.

the number of point-to-point links in a transmission path	cost
the data capacity of a link	load
the amount of time required to move a packet from source to destination	bandwidth
the amount of activity on a network resource	hop count
usually refers to the bit error rate of each network link	reliablity
a configurable value based by default on the bandwidth of the interface	delay

Correct Answer:

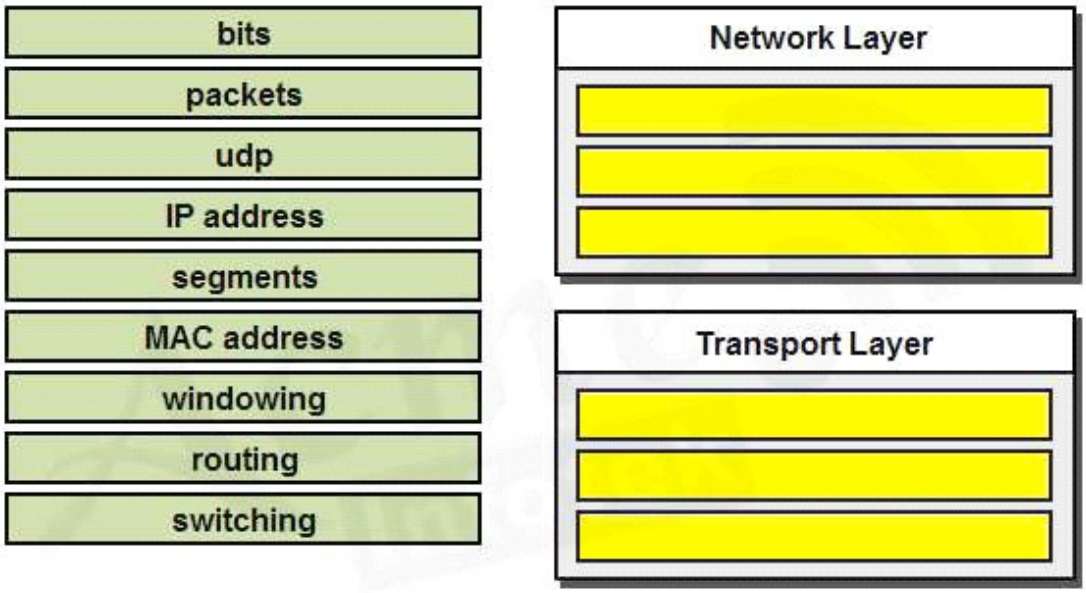
Drag each definition on the left to the matching term on the right.

	a configurable value based by default on the bandwidth of the interface
	the amount of activity on a network resource
	the data capacity of a link
	the number of point-to-point links in a transmission path
	usually refers to the bit error rate of each network link
	the amount of time required to move a packet from source to destination

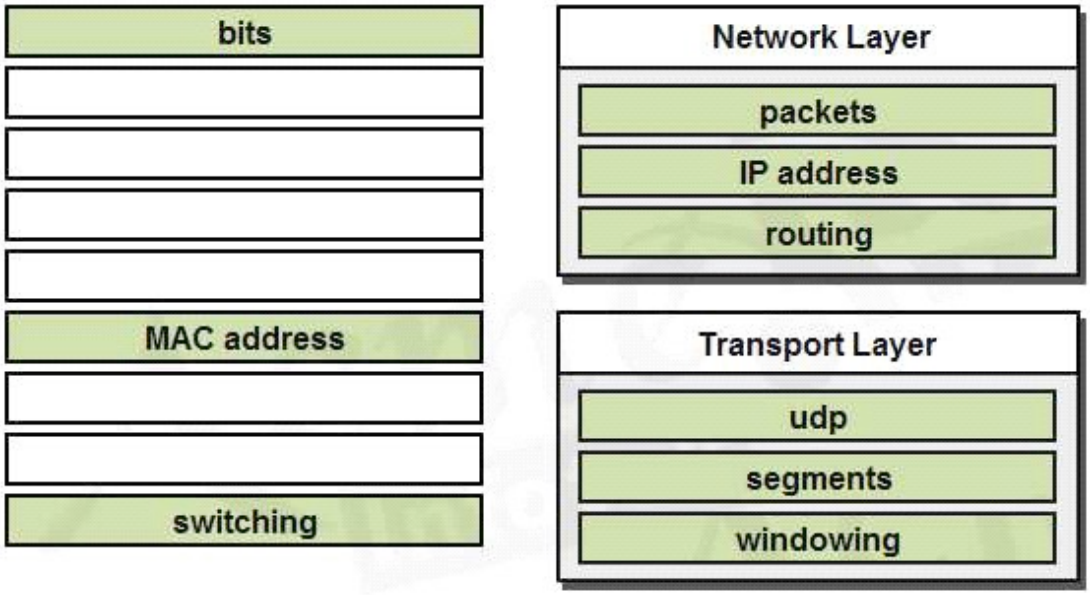
Cost 花费:a configuration value based by default on the bandwidth of the interface
配置值基于接口默认的带宽
load 负载:the amount of activity on a network resource
网络资源活动的数量
Bandwidth 带宽 :the data capacity of a link
链路的数据容量
hop count 跳数:the number of point-to-point links a transmission patch
点到点链路传输路径的数量
Reliabilit y 可靠性:reliability usually refers to the bit error rate of eatch network link
可靠性通常涉及是数据的错误率，在每个网络链路里。
Delay 延迟:the amount of time required to move a packet form source to destination
数据包从源到目的地需要的时间

QUESTION 10

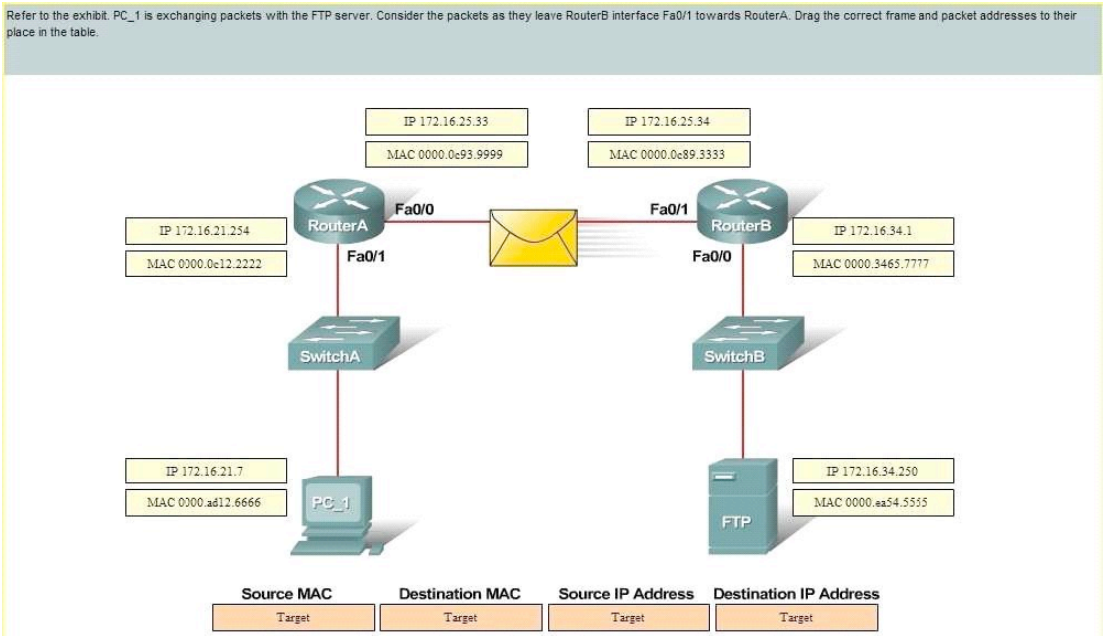
Match the items on the left with appropriate OSI layer on the right. (Not all options are used.)



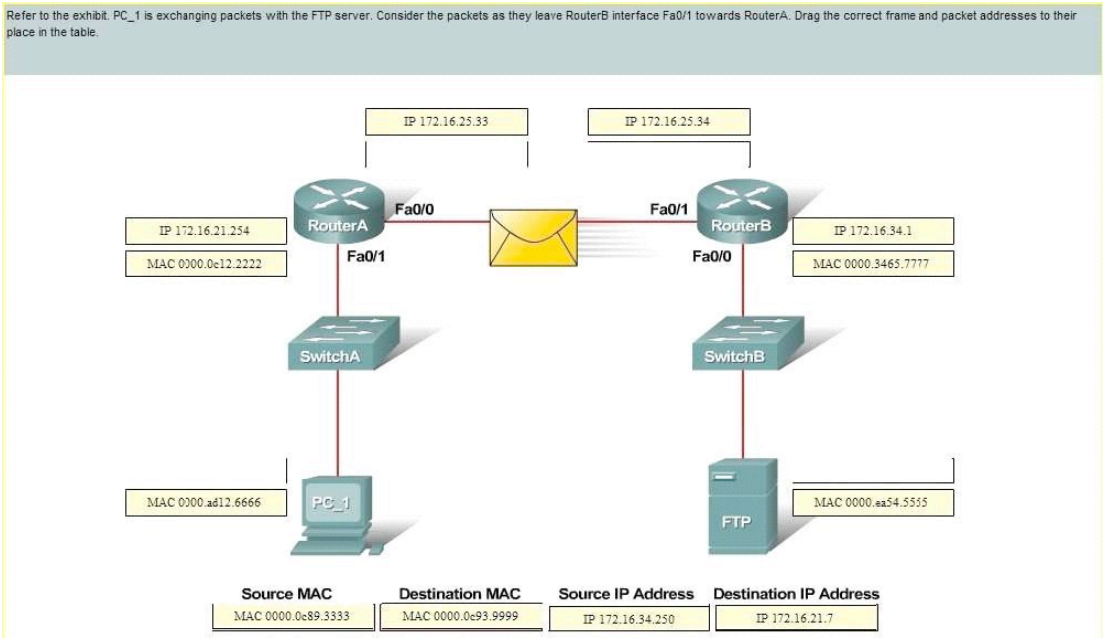
Correct Answer:



QUESTION 11

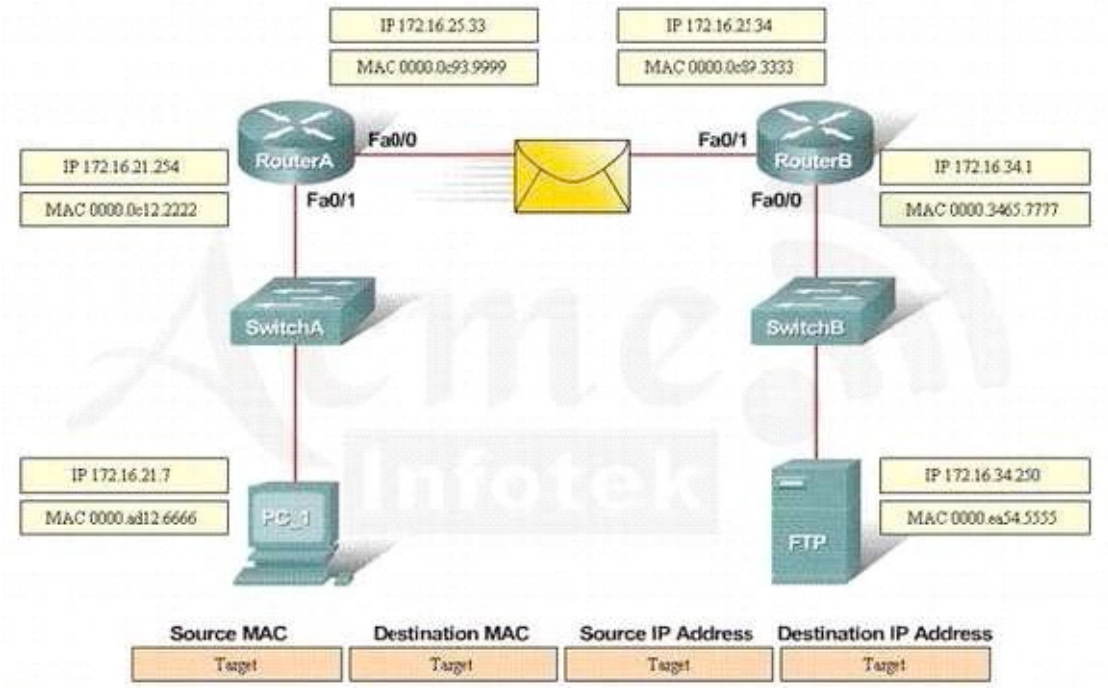
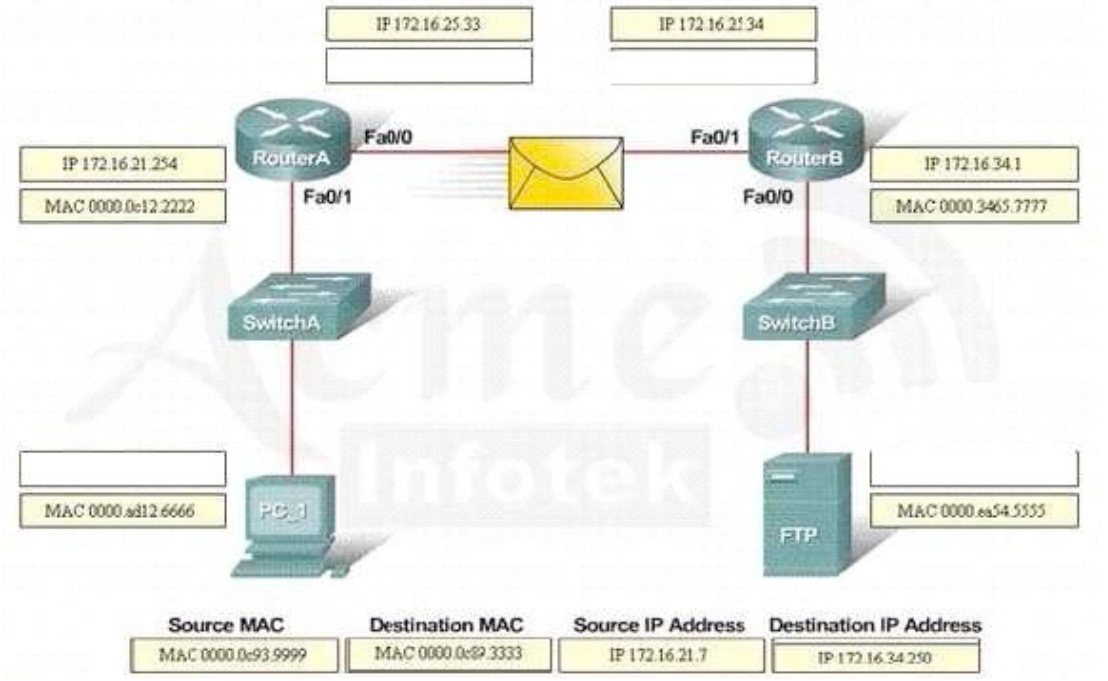


Correct Answer:



QUESTION 12

Refer to the exhibit. PC_1 is sending packets to the FTP server. Consider the packets as they leave RouterA interface Fa0/0 towards RouterB. Drag the correct frame and packet address to their place in the table.



Correct Answer: