

## CCNA (200-125) 题库V3.0 (2016.11.08)

Number: 200-125  
Passing Score: 810  
Time Limit: 140 min  
File Version: 3.0



CCNA认证标志着具备安装、配置、运行中型路由和交换网络，并进行故障排除的能力。获得CCNA认证的专业人士拥有相应的知识和技能，能够通过广域网与远程站点建立连接，消除基本的安全威胁，了解无线网络接入的要求。CCNA培训包括（但不限于）以下这些协议的使用：IP、EIGRP、串行线路接口协议、帧中继、RIPv2、VLAN、以太网和访问控制列表（ACL）。

**准备考试前请先确认您所使用的题库是否为最新版!!!**

CCNA最新题库: <http://bbs.vlan5.com/thread-17810-1-1.html>  
CCNA最新战报: <http://bbs.vlan5.com/forum-91-1.html>  
CCNA最新视频: <http://bbs.vlan5.com/forum-49-1.html>

**2016最新CCNA考试宝典（多达100个考试相关问题详细解析）**  
<http://bbs.vlan5.com/thread-15008-1-1.html> (一定要看哦!!!)

结识与你一样努力奋斗的攻城狮, 请访问攻城狮论坛<http://bbs.vlan5.com/>

思科CCNA 全国正规代报名, 思科CCNP全国正规代报名(老会员还有额外优惠)请联系QQ:80766391

### **免费服务:**

**只要是在学习ccna并且注册成为攻城狮论坛会员的同学, 我们都提供以下免费服务:**

- 1. 免费提供各大培训班最经典最新的视频, 实验手册, 必备电子书和各种学习资料.**
- 2. 免费提供CCNA, CCNP, CCIE考试最新包过题库, 战报以及考试动态.**
- 3. 免费提供思科考点查询, 推荐考试时间, 考试地点.**
- 4. 免费提供考试前, 考试后的各种资讯和帮助. 攻城狮论坛客服QQ 80766391**

攻城狮论坛(技术+生活)群 2258097

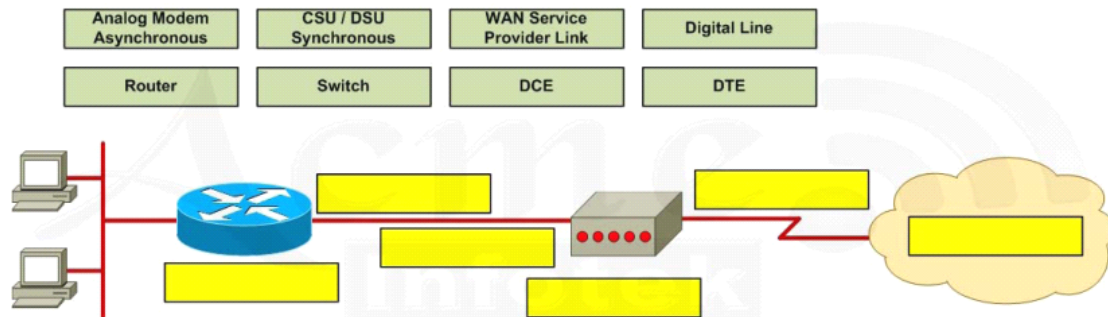
CCNA|CCNP免费题库答疑群 284340425

攻城狮论坛 <http://bbs.vlan5.com/>

2016.11.08

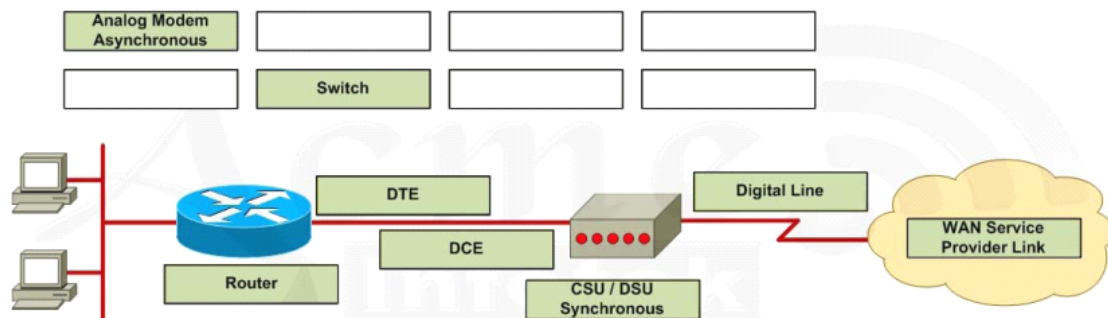
## QUESTION 1

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:

最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13167-1-1.html>



## QUESTION 2

Drag the security features on the left to the specific security risks they help 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 connected networks or resources
CHAP authentication	viewing of passwords
VTY password	access to privileged mode
service password-encryption	

Correct Answer:

最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13168-1-1.html>

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

	VTY password
	console password
	access-group
CHAP authentication	service password-encryption
	enable secret

### QUESTION 3

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.

10.1.1.10	Next hop 192.168.1.1
10.1.0.14	
10.2.1.3	
10.1.4.6	Next hop 192.168.2.2
10.1.0.123	
10.6.8.4	Next hop 192.168.3.3

Correct Answer:

最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13169-1-1.html>

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.

	Next hop 192.168.1.1
	10.2.1.3
	10.6.8.4
	Next hop 192.168.2.2
	10.1.0.14
	10.1.0.123
	Next hop 192.168.3.3
	10.1.1.10
	10.1.4.6

#### QUESTION 4

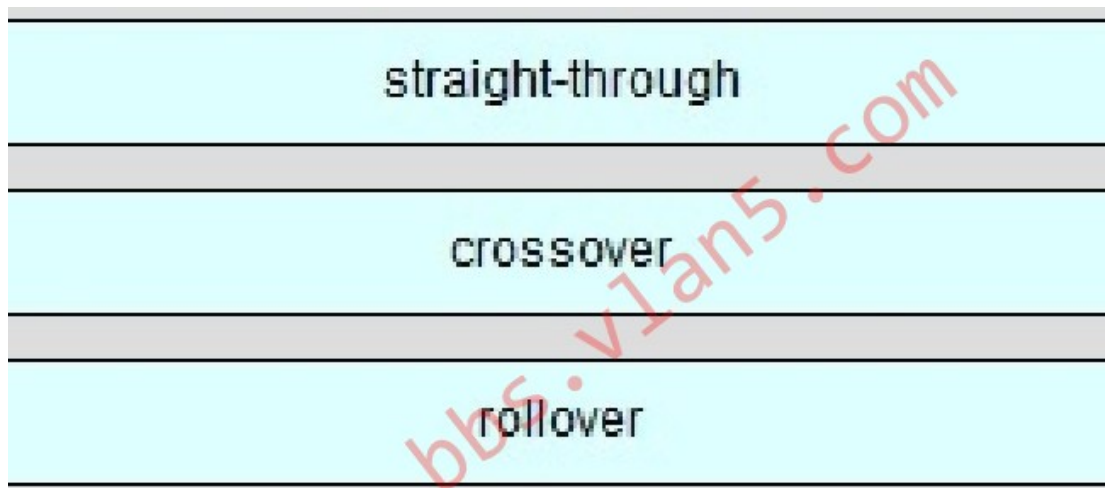
Drag the cable type on the left to the purpose for which it is best suited on the right.  
(NOT all options are used.)

crossover	switch access port to router
null modem	switch to switch
straight-through	PC COM port to switch
rollover	
9-25 pin serial	

Correct Answer:

最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13170-1-1.html>





## QUESTION 5

Drag each category on the left to its corresponding router output line on the right.  
Each router output 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: 最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13171-1-1.html>

Drag each category on the left to its corresponding router output line on the right.  
Each router output 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: 最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13172-1-1.html>

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:

最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13173-1-1.html>

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:

最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13174-1-1.html>

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	reliability
a configurable value based by default on the bandwidth of the interface	delay

Correct Answer: 最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13175-1-1.html>

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

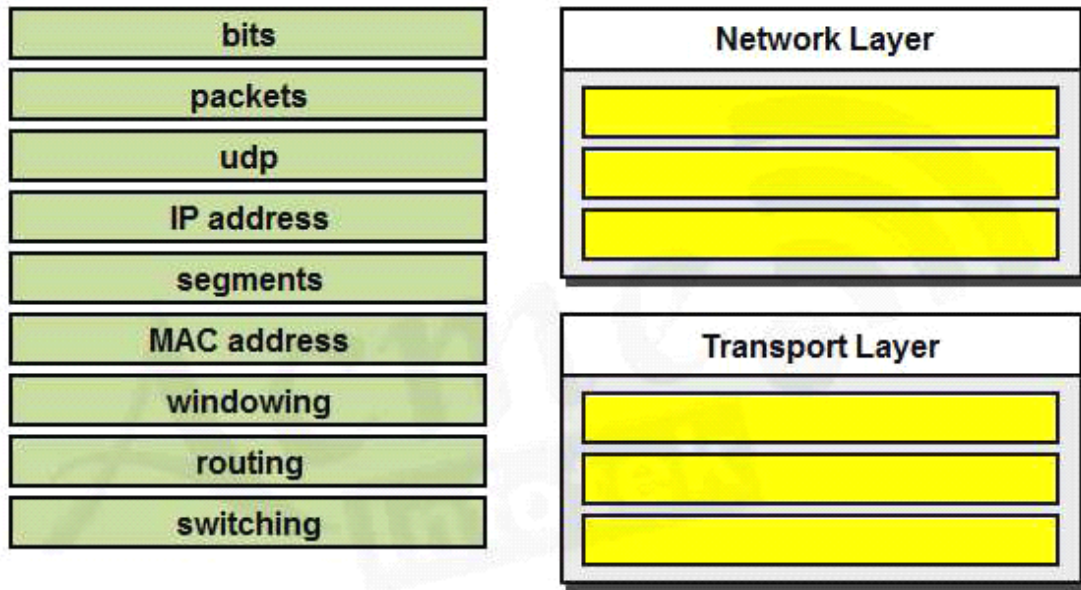
Reliability 可靠性: reliability usually refers to the bit error rate of each network link  
可靠性通常涉及是数据的错误率, 在每个网络链路里。

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

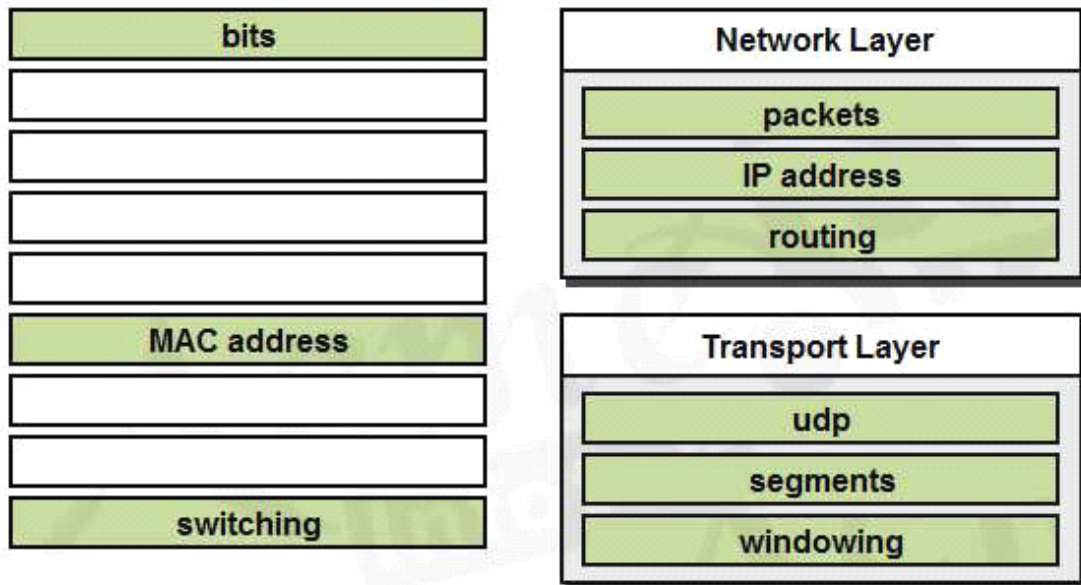
#### QUESTION 10

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



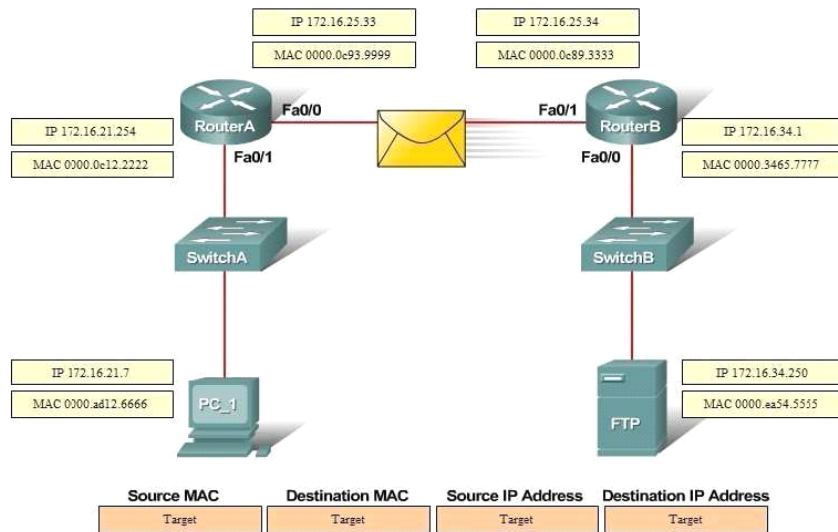


Correct Answer: 最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13176-1-1.html>



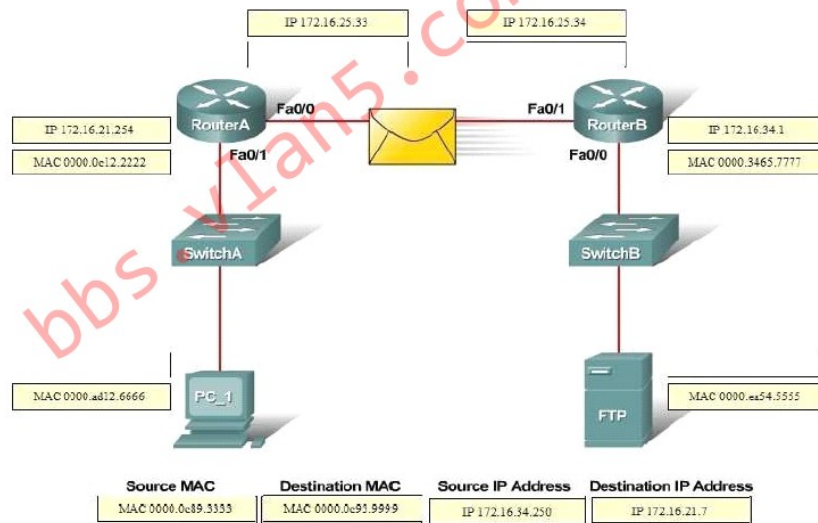
QUESTION 11

Refer to the exhibit. PC\_1 is exchanging packets with the FTP server. Consider the packets as they leave RouterB interface Fa0/1 towards RouterA. Drag the correct frame and packet addresses to their place in the table.



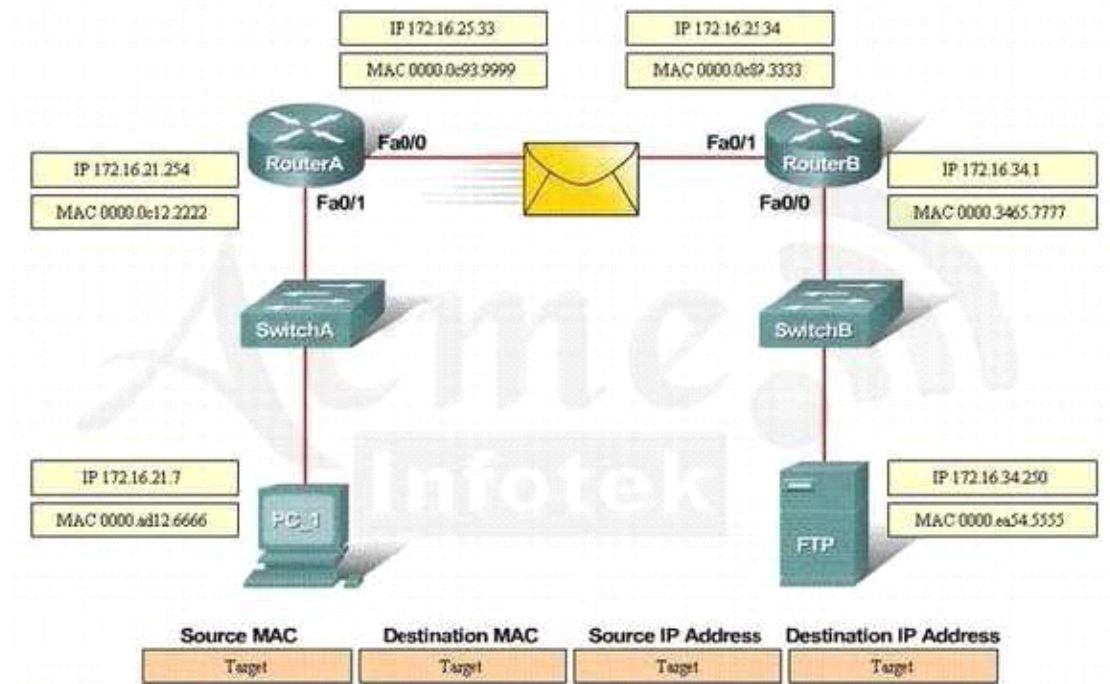
**Correct Answer:** 最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13177-1-1.html>

Refer to the exhibit. PC\_1 is exchanging packets with the FTP server. Consider the packets as they leave RouterB interface Fa0/1 towards RouterA. Drag the correct frame and packet addresses to their place in the table.

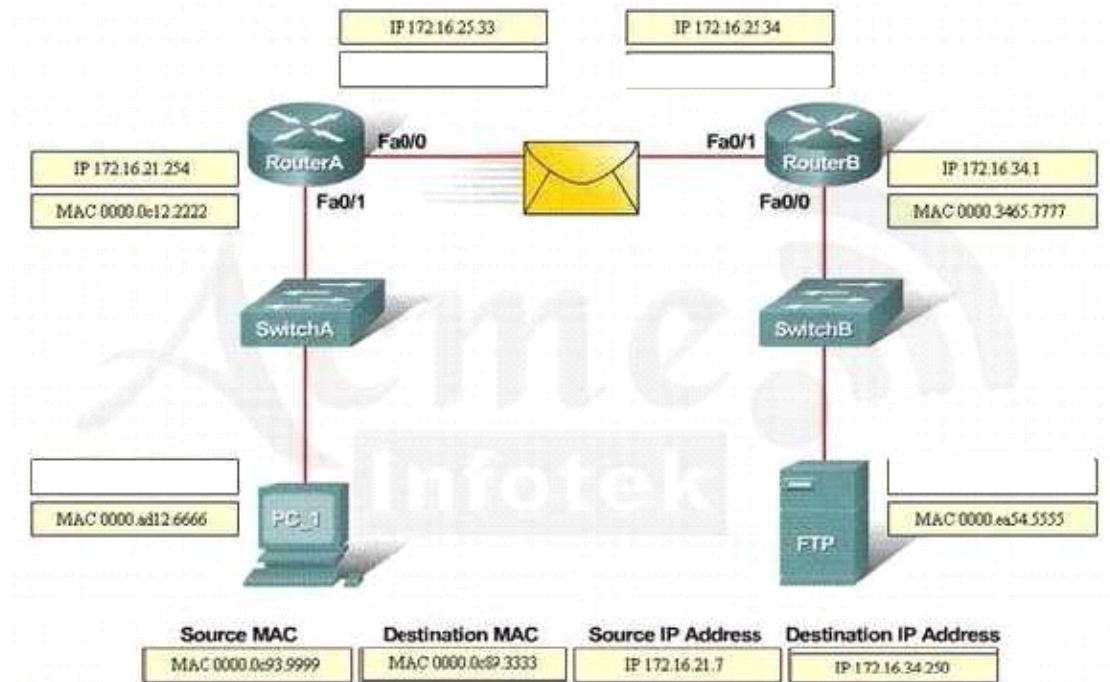


## QUESTION 12

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: 最新更新/视频讲解/免费答疑: <http://bbs.vlan5.com/thread-13178-1-1.html>



### QUESTION 13

Drag and drop the IPv6 multicast feature or protocol on the left to the correct address space on the right.	
All nodes	FF02::D
All routers	FF02::6
EIGRP	FF02::2
PIM routers	FF02::A
RIP routers	FF02::1
OSPFv3 all DR routers	FF02::9

Correct Answer:

Drag and drop the IPv6 multicast feature or protocol on the left to the correct address space on the right.	
	PIM routers
	OSPFv3 all DR routers
	All routers
	EIGRP
	All nodes
	RIP routers

相关考点,请记忆.

- FF01::1 ——— All nodes (node-local)
- FF01::2 ——— All routers (node-local)
- FF02::1 ——— All nodes (link-local)
- FF02::2 ——— All routers (link-local)
- FF02::5 ——— OSPFv3 routers
- FF02::6 ——— OSPFv3 designated routers
- FF02::9 ——— Routing Information Protocol (RIPng)
- FF02::A ——— EIGRP routers
- FF02::B ——— Mobile agents
- FF02::C ——— SSDP
- FF02::D ——— All PIM routers
- Extra Choice ——— DHCP servers/relay agents