

```

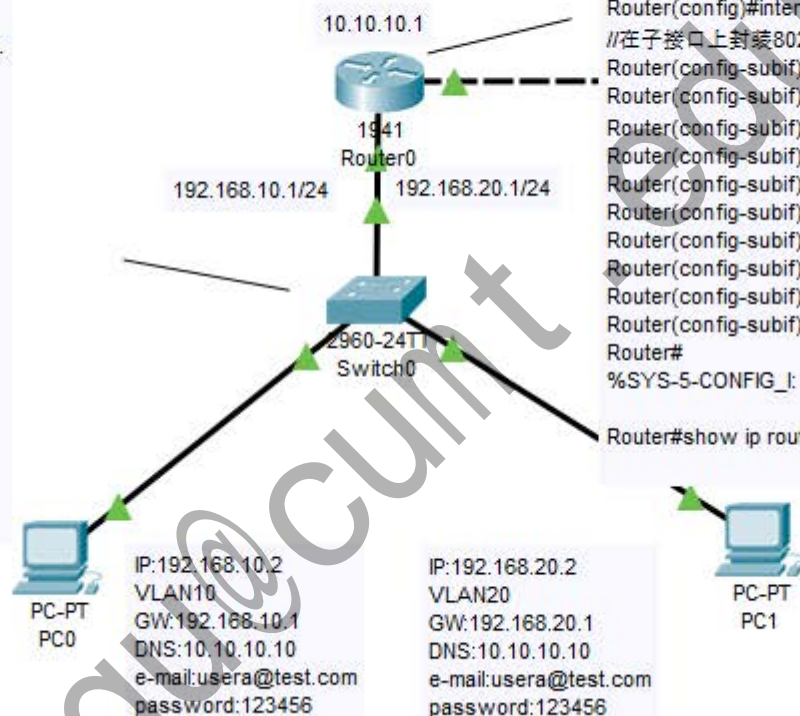
Switch>
Switch>enable
Switch#
Switch#config t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#vlan 20
Switch(config-vlan)#exit
Switch(config)#interface f0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#int f0/2
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#exit
Switch(config)#int g0/3
Switch(config-if)#switchport mode trunk
Switch(config-if)#exit

```

Switch#show vlan brief

10	VLAN0010	active	Fa0/1
20	VLAN0020	active	Fa0/2
1002	fdi-default	active	
1003	token-ring-default	active	
1004	fdinet-default	active	
1005	trnet-default	active	

单臂路由连通不同VLAN



```

Router>
Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
//配置子接口，每个子接口的IP地址是每个VLAN的网关地址
Router(config)#inter g0/0.1
//在子接口上封装802.1Q协议
Router(config-subif)#encapsulation dot1q 10
Router(config-subif)#ip address 192.168.10.1 255.255.255.0
Router(config-subif)#no shutdown //激活
Router(config-subif)#int g0/0.2
Router(config-subif)#
Router(config-subif)#encapsulation dot1q 20
Router(config-subif)#ip address 192.168.20.1 255.255.255.0
Router(config-subif)#no shutdown
Router(config-subif)#
Router(config-subif)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#show ip route

```

Gateway of last resort is not set

```

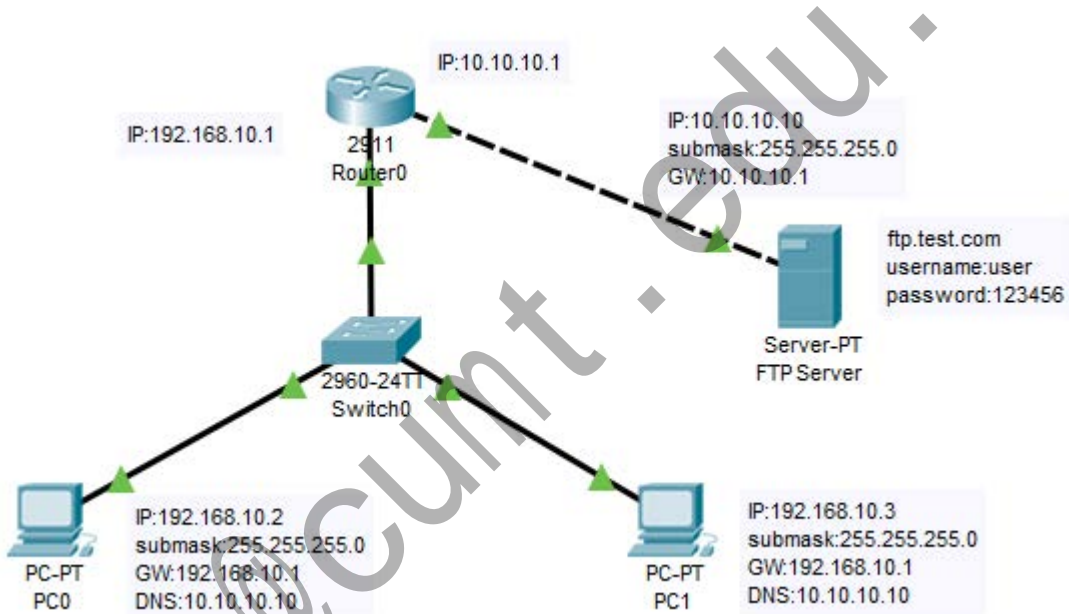
192.168.10.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.168.10.0/24 is directly connected, GigabitEthernet0/0.1
L    192.168.10.1/32 is directly connected, GigabitEthernet0/0.1
192.168.20.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.168.20.0/24 is directly connected, GigabitEthernet0/0.2
L    192.168.20.1/32 is directly connected, GigabitEthernet0/0.2

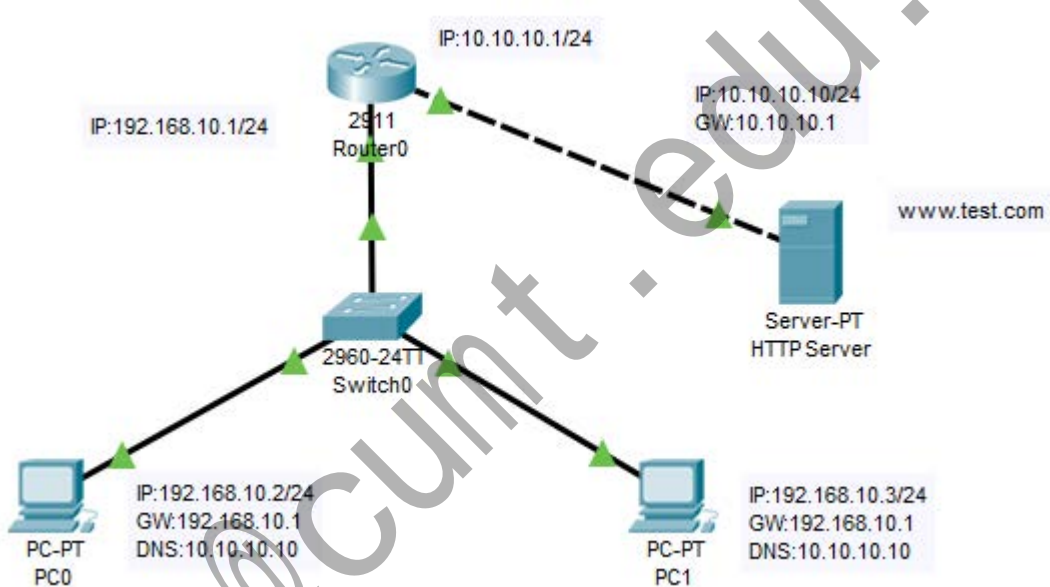
```

IP:10.10.10.10
submask:255.255.255.0
GW:10.10.10.1



test.com
pop3.test.com
smtp.test.com





```
Router>
Router>en
Router#dir
Directory of flash0:/
 3 -rw- 33591768 c2900-universalk9-mz.SPA.151-4.M4.bin
 2 -rw- 28282 sigdef-category.xml
 1 -rw- 227537 sigdef-default.xml
```

255744000 bytes total (221896413 bytes free)

```
Router#copy tftp: flash:
Address or name of remote host []? 10.10.10.10
//源主机IP地址
Source filename []? xxxx.bin
//源文件名称
Destination filename [xxxx.bin]? yyyyyy.bin
//目标文件名称
```

```
Router#dir
```

```
Router#reload
```

```
Router>en
Router#show running-config
```

