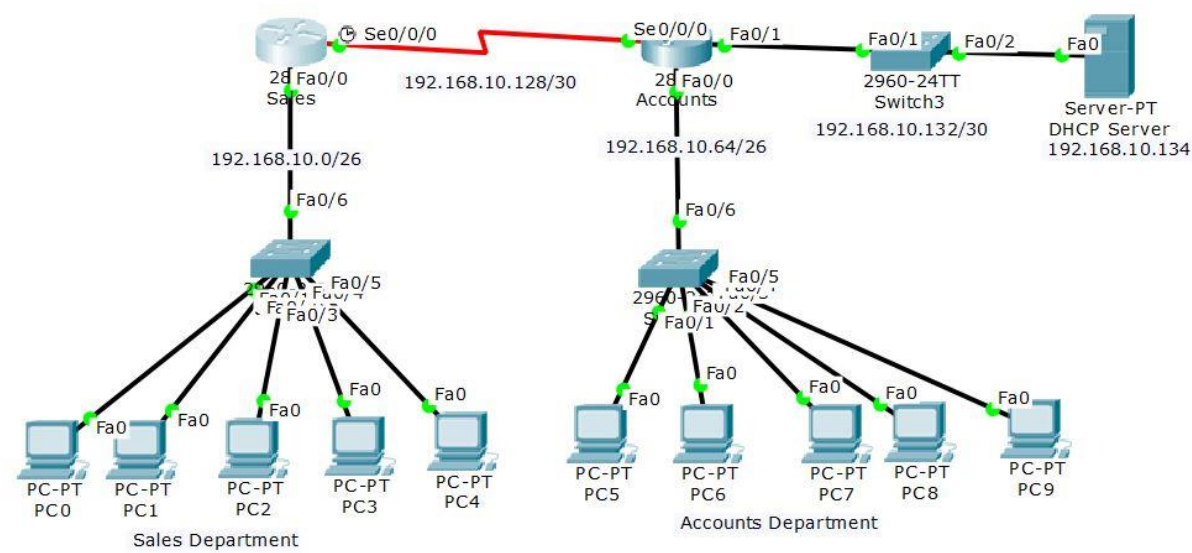


DHCP Relay Agent Configuration

Topology:



Static IP Configuration on DHCP Server:

IP Configuration

Interface

FastEthernet0

IP Configuration

DHCP

Static

IP Address

192.168.10.134

Subnet Mask

255.255.255.252

Default Gateway

192.168.10.133

DNS Server

DHCP Server Configuration:

DHCP Server

Physical

Config

Services

Desktop

Attributes

Software/Services

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoE

VM Management

DHCP

Interface

FastEthernet0

Service

On

Off

Pool Name

Sales

Default Gateway

192.168.10.65

DNS Server

192.168.10.134

Start IP Address :

192

168

10

66

Subnet Mask:

255

255

255

192

Maximum number of Users :

62

TFTP Server:

0.0.0.0

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server
Sales	192.168.10.65	192.168.10.134	192.168.10.66	255.255.255.192	62	0.0.0.0
Accounts	192.168.10.1	192.168.10.134	192.168.10.2	255.255.255.192	62	0.0.0.0

Top

Sales Department Router Configuration:

```
Sales(config)# interface serial 0/0/0
Sales(config-if)# ip address 192.168.10.129 255.255.255.252
Sales(config-if)# no shutdown
Sales(config-if)# clock rate 64000
```

```
Sales(config-if)# interface fastEthernet 0/0
Sales(config-if)# ip address 192.168.10.1 255.255.255.192
Sales(config-if)# no shutdown
```

```
Sales(config)# router rip
Sales(config-router)# version 2
Sales(config-router)# no auto-summary
Sales(config-router)# network 192.168.10.128
Sales(config-router)# network 192.168.10.0
```

DHCP Relay Agent for Sales Department

```
Sales(config)# interface fastEthernet 0/0
Sales(config-if)# ip helper-address 192.168.10.134
```

Accounts Department Router Configuration:

```
Accounts(config)# interface fastEthernet 0/1
Accounts(config-if)# ip address 192.168.10.133 255.255.255.252
Accounts(config-if)# no shutdown
```

```
Accounts(config-if)# interface fastEthernet 0/0
Accounts(config-if)# ip address 192.168.10.65 255.255.255.192
Accounts(config-if)# no shutdown
```

```
Accounts(config-if)# interface serial 0/0/0
Accounts(config-if)# ip address 192.168.10.130 255.255.255.252
Accounts(config-if)# no shutdown
```

```
Accounts(config)# router rip
Accounts(config-router)# version 2
Accounts(config-router)# network 192.168.10.132
Accounts(config-router)# network 192.168.10.64
Accounts(config-router)# network 192.168.10.128
```

DHCP Relay Agent for Accounts Department:

```
Accounts(config)# interface fastEthernet 0/0
Accounts(config-if)# ip helper-address 192.168.10.134
```