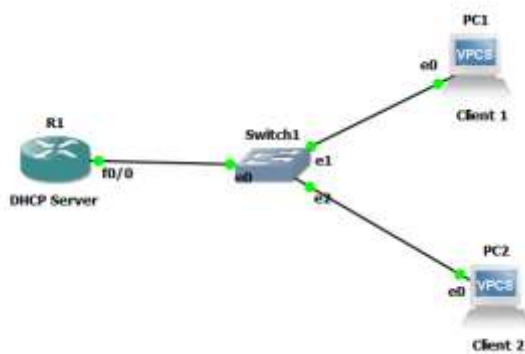


Assignment 9

Create a pool on the DHCP Server router, named “xyz” and follow all the requirements.

1. Client should use the DNS server with the IP address: 1.2.3.4
2. Client should use the network 192.168.10.0/24
3. Client should renew their IP address after every 3 hours
4. Make sure, Router does not respond to any BOOTP
5. Configure the Client so that it will obtain IP from DHCP server.



DHCP Server Configuration

```
R1#sh ip int b
R1#config t
R1(config)#ip dhcp pool xyz
R1(dhcp-config)#network 192.168.10.0 /24
R1(dhcp-config)#dns-server 1.2.3.4
R1(dhcp-config)#lease ?
R1(dhcp-config)#lease 0 3
R1(dhcp-config)#no ip bootp server
R1(config)#int fa0/0
R1(config-if)#ip add 192.168.10.1 255.255.255.0
R1(config-if)#no shut
R1(config-if)#ex
R1(config)#
R1#sh ip int b
```

Client 1

```
PC1> ip dhcp
PC1> show ip
```

Client 2

```
PC2> ip dhcp
PC2> show ip
```

