Rukaya Islam
Roll-43
Batch – 59

Course Code: CSE-312
Course Name: Computer Network Lab

DHCP

Router-0: ip-192.167.10.1

```
en
conf t
hostname r1
int fa0/0
ip address 192.167.10.1 255.255.255.0
no sh
ex

ip dhcp pool r1
default-route 192.167.10.1
network 192.167.10.0 255.255.255.0
ex
```

Router-1: ip-192.168.10.1

```
en
conf t
hostname r2
int fa0/0
ip address 192.168.10.1 255.255.255.0
no sh
ex

ip dhcp pool r1
default-route 192.168.10.1
network 192.168.10.0 255.255.255.0
ex
```

Router-2: ip-192.169.10.1

```
en
conf t
hostname r3
int fa0/0
ip address 192.169.10.1 255.255.255.0
no sh
ex

ip dhcp pool r1
default-route 192.169.10.1
network 192.169.10.0 255.255.255.0
ex
```

Router-3: ip-192.170.10.1

```
en
conf t
hostname r4
int fa0/0
ip address 192.170.10.1 255.255.255.0
no sh
ex

ip dhcp pool r1
default-route 192.170.10.1
network 192.170.10.0 255.255.255.0
ex
```

Router-4: ip-192.171.10.1

```
en
conf t
hostname r5
int fa0/0
ip address 192.171.10.1 255.255.255.0
no sh
ex

ip dhcp pool r1
default-route 192.171.10.1
network 192.171.10.0 255.255.255.0
ex
```

Router-5: ip-192.172.10.1

```
en
conf t
hostname r6
int fa0/0
ip address 192.172.10.1 255.255.255.0
no sh
ex

ip dhcp pool r1
default-route 192.172.10.1
network 192.172.10.0 255.255.255.0
ex
```

RIP

Router-0: ip-192.167.10.1

en
conf t
router rip
network 20.0.0.0
network 25.0.0.0
network 192.167.10.0
ex
int se0/0/0
ip address 20.1.1.1 255.0.0.0
int se0/3/0
ip address 25.1.1.1 255.0.0.0
no sh
ex

Router-1: ip-192.168.10.1

en
conf t
router rip
network 10.0.0.0
network 20.0.0.0
network 192.168.10.0
ex
int se0/0/0
ip address 20.1.1.2 255.0.0.0
int se0/3/0
ip address 10.1.1.1 255.0.0.0
no sh
ex

Router-2: ip-192.169.10.1

en
conf t
router rip
network 10.0.0.0
network 25.0.0.0
network 192.169.10.0
ex
int se0/0/0
ip address 21.1.1.1 255.0.0.0
int se0/3/0
ip address 10.1.1.2 255.0.0.0
no sh
ex

Router-3: ip-192.170.10.1

```
en
conf t
router rip
network 22.0.0.0
network 25.0.0.0
network 192.170.10.0
ex
int se0/0/0
ip address 22.1.1.1 255.0.0.0
int se0/3/0
ip address 25.1.1.2 255.0.0.0
no sh
ex
```

Router-4: ip-192.171.10.1

```
en
conf t
router rip
network 15.0.0.0
network 22.0.0.0
network 192.171.10.0
ex
int se0/0/0
ip address 22.1.1.2 255.0.0.0
int se0/3/0
ip address 15.1.1.2 255.0.0.0
no sh
ex
```

Router-5: ip-192.172.10.1

```
en
conf t
router rip
network 15.0.0.0
network 21.0.0.0
network 192.172.10.0
ex
int se0/0/0
ip address 21.1.1.2 255.0.0.0
int se0/3/0
ip address 15.1.1.1 255.0.0.0
no sh
ex
```