

## 10 DHCP

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Router#conf term
Router(config)#host R1
R1(config)#int f0/0
R1(config-if)#ip add 10.0.0.1 255.0.0.0
R1(config-if)#no shut

R1(config)#service dhcp
R1(config)#ip dhcp excluded-address 10.0.0.1 10.0.0.10    (* Do not assign addresses ..)
R1(config)#ip dhcp pool abc
R1(dhcp-config)#network 10.0.0.0
R1(dhcp-config)#default-router 10.0.0.1
R1(dhcp-config)#lease 5                                     (* 5 day lease *)
R1(dhcp-config)#exit

Vpcs# dhcp -r
```

```
R1(config)#ip dhcp pool pool1
R1(dhcp-config)#network 10.0.0.0 255.255.255.0
R1(dhcp-config)#default-router 10.0.0.1
R1(dhcp-config)#exit

R1(config)#ip dhcp pool pool2
R1(dhcp-config)#network 192.168.1.0 255.255.255.0
R1(dhcp-config)#default-router 192.168.1.1
R1(dhcp-config)#exit

R1(config)#ip dhcp pool pool3
R1(dhcp-config)#network 172.16.0.0 255.255.255.0
R1(dhcp-config)#default-router 172.16.0.1
R1(dhcp-config)#exit

R1(config)#ip dhcp pool pool4
R1(dhcp-config)#network 192.168.10.0 255.255.255.0
R1(dhcp-config)#default-router 192.168.10.1
R1(dhcp-config)#exit

R1(config)#ip dhcp pool pool5
R1(dhcp-config)#network 192.168.20.0 255.255.255.0
R1(dhcp-config)#default-router 192.168.20.1
R1(dhcp-config)#exit

VPCS# dhcp -r
```