

Assignment – 8

```
R3#show ip interface brief
Interface          IP-Address      OK? Method Status          Protocol
FastEthernet0/0    unassigned      YES unset  administratively down down
FastEthernet1/0    unassigned      YES unset  administratively down down
FastEthernet1/1    unassigned      YES unset  administratively down down
FastEthernet2/0    unassigned      YES unset  administratively down down
FastEthernet2/1    unassigned      YES unset  administratively down down
Serial3/0          unassigned      YES unset  administratively down down
Serial3/1          unassigned      YES unset  administratively down down
Serial3/2          unassigned      YES unset  administratively down down
Serial3/3          unassigned      YES unset  administratively down down
R3#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R3(config)#ip dhcp pool xyz
R3(dhcp-config)#network 192.168.10.0 255.255.255.0
```

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R3(dhcp-config)#dns-server 1.2.3.4
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R3(dhcp-config)#default-router 192.168.10.0 255.255.255.0
R3(dhcp-config)#lease 0 3
R3(dhcp-config)#no ip bootp server
R3(config)#interface fastEthernet 0/0
R3(config-if)#ip address 192.168.10.1 255.255.255.0
R3(config-if)#no shutdown
R3(config-if)#exit
```

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*Oct 14 08:54:15.159: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
*Oct 14 08:54:16.159: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
R3(config)#end
R3#
*Oct 14 08:54:19.175: %SYS-5-CONFIG_I: Configured from console by console
R3#show ip interface brief
Interface          IP-Address      OK? Method Status          Protocol
FastEthernet0/0    192.168.10.1    YES manual up              up
FastEthernet1/0    unassigned      YES unset  administratively down down
FastEthernet1/1    unassigned      YES unset  administratively down down
FastEthernet2/0    unassigned      YES unset  administratively down down
FastEthernet2/1    unassigned      YES unset  administratively down down
Serial3/0          unassigned      YES unset  administratively down down
Serial3/1          unassigned      YES unset  administratively down down
Serial3/2          unassigned      YES unset  administratively down down
Serial3/3          unassigned      YES unset  administratively down down
```

```
PC2> ip dhcp
DDORA
PC2> show ip IP 192.168.10.2/24

NAME           : PC2[1]
IP/MASK        : 192.168.10.2/24
GATEWAY        : 0.0.0.0
DNS            : 1.2.3.4
DHCP SERVER    : 192.168.10.1
DHCP LEASE     : 10795, 10800/5400/9450
MAC            : 00:50:79:66:68:00
LPORT         : 10008
RHOST:PORT     : 127.0.0.1:10009
MTU:           : 1500
```

```
PC3> ip dhcp
DDORA
PC3> show ip IP 192.168.10.3/24

NAME           : PC3[1]
IP/MASK        : 192.168.10.3/24
GATEWAY        : 0.0.0.0
DNS            : 1.2.3.4
DHCP SERVER    : 192.168.10.1
DHCP LEASE     : 10798, 10800/5400/9450
MAC            : 00:50:79:66:68:01
LPORT         : 10010
RHOST:PORT     : 127.0.0.1:10011
MTU:           : 1500
```