**DYNAMIC NAT CONFIGURATION**

**ROUTER RO**

Router>enable

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 10.0.0.1 255.0.0.0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#interface Serial0/0/0

Router(config-if)#ip address 100.0.0.1 255.0.0.0

Router(config-if)#no shutdown

Router(config-if)#DO WRITE

Building configuration...

[OK]

**Router(config)#access-list 1 permit 10.0.0.10 0.255.255.255**

**Router(config)#access-list 1 permit 10.0.0.20 0.255.255.255**

**Router(config)#**

**%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to down**

**%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up**

**Router(config)#access-list 1 deny any**

**Router(config)#ip nat pool bvcoew 50.0.0.1 50.0.0.2 netmask 255.0.0.0**

**Router(config)#ip nat inside source list 1 pool bvcoew**

**Router(config)#interface fastethernet0/0**

**Router(config-if)#ip nat inside**

**Router(config-if)#interface serial0/0/0**

**Router(config-if)#ip nat outside**

**Router(config-if)#exit**

**Router(config)#**

**Static routing**

Router(config)#ip route 200.0.0.0 255.255.255.0 100.0.0.2

**Router#**

**Router#show ip nat translation**

**Pro Inside global Inside local Outside local Outside global**

**tcp 50.0.0.1:1025 10.0.0.10:1025 200.0.0.1:80 200.0.0.1:80**

**tcp 50.0.0.1:1026 10.0.0.10:1026 200.0.0.10:80 200.0.0.10:80**

**ROUTER R1**

Router>enable

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 192.168.0.10 255.255.255.0

Router(config-if)#ip address 192.168.0.1 255.255.255.0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#interface Serial0/0/0

Router(config-if)#ip address 100.0.0.2 255.0.0.0

Router(config-if)#DO WRITE

Building configuration...

[OK]

Router(config)#ip nat inside source static 192.168.0.10 200.0.0.10

Router(config)#interface fastethernet0/0

Router(config-if)#ip nat inside

Router(config-if)#exit

Router(config)#interface serial0/0/0

Router(config-if)#ip nat outside

Router(config-if)#exit

Router(config)#do write

Building configuration...

[OK]

**Static Routing**

Router(config)#ip route 50.0.0.0 255.0.0.0 100.0.0.1

Router(config)#

Router#

%SYS-5-CONFIG\_I: Configured from console by console







