**Part 1:**

**Step 1:**

**R2>**en

**R2#**config terminal

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

**R2(config)#**ip access-list standard R2NAT

**R2(config-std-nacl)#**permit 192.168.10.0 0.0.0.255

**R2(config-std-nacl)#**permit 192.168.20.0 0.0.0.255

**R2(config-std-nacl)#**permit 192.168.30.0 0.0.0.255

**R2(config-std-nacl)#**exit

**Step 2:**

**R2(config)#**ip nat pool R2POOL 209.165.202.129 209.165.202.129 netmask 255.255.255.252

**Step 3:**

**R2(config)#**ip nat inside source list R2NAT pool R2POOL overload

**Step 4:**

**R2(config)#**int s0/1/0

**R2(config-if)#**ip nat outside

**R2(config-if)#**int f0/0

**R2(config-if)#**ip nat inside

**R2(config-if)#**int s0/0/0

**R2(config-if)#**ip nat inside

**R2(config-if)#**int s0/0/1

**R2(config-if)#**ip nat inside

**Part 2:**

**R2(config)#**ip nat inside source static 192.168.20.254 209.165.202.130

**Part 3:**

**R2#**show ip nat translations

Pro Inside global Inside local Outside local Outside global

--- 209.165.202.130 192.168.20.254 --- ---

tcp 209.165.202.129:1027 192.168.10.10:1027 209.165.201.30:80 209.165.201.30:80

tcp 209.165.202.129:1028 192.168.10.30:1028 209.165.201.30:80 209.165.201.30:80