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Sec: 07

Course: CSE421 (LAB- 05)

**Commands**

**PART 1:**

ping 172.31.0.254

ping 172.31.1.190

**PART 2:**

**STEP 1:**

en

conf t

ip route 172.31.0.0 255.255.255.0 172.31.1.193

exit

show ip route

ping 172.31.0.254

**STEP 2:**

conf t

ip route 172.31.1.0 255.255.255.128 s0/0/0

ip route 172.31.1.128 255.255.255.192 s0/0/1

ip route 172.31.1.196 255.255.255.252 172.31.1.193

ip route 172.31.1.128 255.255.255.192 172.31.1.193

**STEP 3:**

en

conf t

ip route 0.0.0.0 0.0.0.0 s0/0/1

**STEP 5:**

R1#show ip route

R1#show ip route static

R2#show ip route

R2#show ip route static

R3#show ip route

R3#show ip route static

**PART 3:**

**From PC1:**

ping 172.31.0.254

ping 172.31.1.190

**From PC2:**

ping 172.31.1.126

ping 172.31.1.190

**From PC3:**

ping 172.31.1.126

ping 172.31.0.254