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Course: CSE421 (LAB- 04)

**Commands**

**PART 1:**

**STEP 1:**

**PC 1:** ipconfig /all

**PC 3:** ipconfig /all

**From PC 3 Ping:** ping 10.10.1.98

**STEP 2:**

From **PC1**: tracert 10.10.1.18

From **PC3**: tracert 10.10.1.98

**R1:**

show ip interface brief

show ip route

**R3:**

show ip interface brief

show ip route

**R2:**

show ip interface brief

config t

R2(config)#interface s0/0/0

R2(config-if)#ip address 10.10.1.5 255.255.255.252

R2(config-if)#no shutdown

**STEP 5:**

1. ping 10.10.1.98
2. ping 10.10.1.18

**PART 2:**

**STEP 1:**

**PC 2:** ipv6config /all

**PC 4:** ipv6config /all

**From PC 4 Ping:** ping 2001:DB8:1:1::2

**From PC 2 Ping:** ping 2001:DB8:1:4::2

**STEP 2:**

From **PC2**: tracert 2001:DB8:1:4::2

From **PC4**: tracert 2001:DB8:1:1::2

**R3:**

show ipv6 interface brief

**STEP 5:**

**From PC 2**: ping 2001:DB8:1:4::2

**From PC 4**:ping 2001:DB8:1:1::2