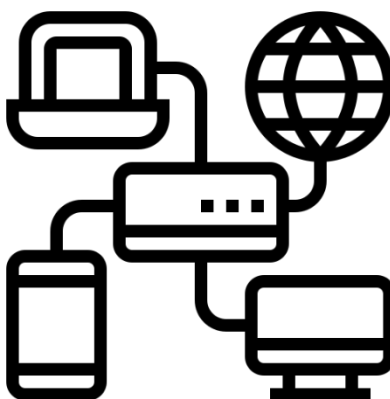


# COMPUTER NETWORKS (Project)

Networks System

---

Computer Networks Lab (CL3001)



1	21F-9262	ALI RUBASS	BSCS (5A)
2	21F-9183	REHAN TARIQ	BSCS (5A)
3	21F-9214	LAIBA ZAFFAR	BSCS (5A)

---

National University of Computer & Emerging Sciences – FAST (CFD)  
Department of Computer Science: Computer Networks Lab (CL3001)

**( Addressing Table )**

Device	Interface	IP Address	Subnet Mask	Default Gateway	Switch Port
R17	Fa0/1	200.44.22.1	255.255.255.0	N/A	S0 Fa0/1
	—	—	—	—	—
	Fa0/0	60.0.0.1	255.0.0.0	N/A	DHCP-S Fa/0
	—	—	—	—	—
	Se0/0/0	80.100.0.1	255.0.0.0	N/A	R0 Se0/0/0
	—	—	—	—	—
R0	Se0/0/0	80.100.0.2	255.0.0.0	N/A	R17 Se0/0/0
	—	—	—	—	—
	Se0/0/1	85.100.0.2	255.0.0.0	N/A	R1 Se0/0/0
	—	—	—	—	—
	Se0/2/0	81.100.0.1	255.0.0.0	N/A	R6 Se0/0/0
	—	—	—	—	—
R1	Gig0/0	200.44.21.1	255.255.255.192	N/A	S0(1) Fa0/1
	—	—	—	—	—
	Gig0/1	200.44.21.65	255.255.255.192	N/A	Data-S Fa0
	—	—	—	—	—
	Se0/1/0	86.100.0.1	255.0.0.0	N/A	R3 Se0/0/0
	—	—	—	—	—
	Se0/0/1	84.100.0.2	84.100.0.2	N/A	R2 Se0/0/0
R3	Gig0/0	200.44.0.1	255.255.254.0	N/A	SC1 Fa0/1
	—	—	—	—	—
	Gig0/1	200.44.2.1	255.255.254.0	N/A	SC2 Fa0/1
	—	—	—	—	—
R2	Se0/0/0	84.100.0.1	255.0.0.0	N/A	R1 Se0/0/1
	—	—	—	—	—
	Se0/0/1	83.100.0.1	255.0.0.0	N/A	R6 Se0/0/1
	—	—	—	—	—
	Se0/2/0	87.100.0.1	255.0.0.0	N/A	R5 Se0/0/1
	—	—	—	—	—
R6	Fa0/0	200.44.16.1	255.255.255.0	N/A	SB Fa0/1
	—	—	—	—	—
	Se0/0/0	81.100.0.2	255.0.0.0	N/A	R0 Se0/2/0
	—	—	—	—	—
	Se0/0/1	83.100.0.2	255.0.0.0	N/A	R2 Se0/0/1
	—	—	—	—	—
R5	Se0/0/1	87.100.0.2	255.0.0.0	N/A	R2 Se0/2/0
	—	—	—	—	—
	Se0/0/0	97.100.0.1	255.0.0.0	N/A	R9 Se0/0/1
	—	—	—	—	—
R9	Se0/0/1	97.100.0.2	255.0.0.0	N/A	R5 Se0/0/0
	—	—	—	—	—
	Se0/0/0	90.100.0.2	255.0.0.0	N/A	R4 Se0/0/0
	—	—	—	—	—
	Se0/2/0	91.100.0.2	255.0.0.0	N/A	R20 Se0/0/0
	—	—	—	—	—
	Se0/2/1	92.100.0.2	255.0.0.0	N/A	R7 Se0/0/0

National University of Computer & Emerging Sciences – FAST (CFD)  
Department of Computer Science: Computer Networks Lab (CL3001)

R4	Se0/0/0	90.100.0.1	255.0.0.0	N/A	R9 Se0/0/0
	— Fa0/0	— 200.44.19.1	— 255.255.255.0	— N/A	— SL Fa0/1
	— Fa0/1	— 200.44.8.1	— 255.255.255.0	— N/A	— SD Fa0/1
R7	Se0/0/0	92.100.0.1	255.0.0.0	N/A	R9 Se0/2/1
	— Fa0/0	— 200.44.21.129	— 255.255.255.128	— N/A	— SM Fa0/1
	— Se0/0/1	— 93.100.0.1	— 255.0.0.0	— N/A	— R20 Se0/0/1
	— Se0/2/0	— 94.100.0.1	— 255.0.0.0	— N/A	— R21 Se0/0/0
R20	Se0/0/0	91.100.0.1	255.0.0.0	N/A	R9 Se0/2/0
	— Se0/0/1	— 93.100.0.2	— 255.0.0.0	— N/A	— R7 Se0/0/1
	— Se0/2/0	— 95.100.0.1	— 255.0.0.0	— N/A	— R10 Se0/0/0
	— Se0/2/1	— 96.100.0.1	— 255.0.0.0	— N/A	— R80/0/1
R10	Fa0/1	200.44.20.129	255.255.255.128	N/A	TFTP-S Fa0
	— Fa0/0	— 200.44.20.1	— 255.255.255.128	— N/A	— SE Fa0/1
	— Se0/0/0	— 95.100.0.2	— 255.0.0.0	— N/A	— R20 Se0/2/0
R8	Se0/0/1	96.100.0.2	255.0.0.0	N/A	R20 Se0/2/1
	— Se0/0/0	— 106.100.0.1	— 255.0.0.0	— N/A	— R12 Se0/2/1
R12	Se0/2/1	106.100.0.2	255.0.0.0	N/A	R8 Se0/0/0
	— Se0/0/1	— 105.100.0.2	— 255.0.0.0	— N/A	— R14 Se0/0/0
	— Se0/0/0	— 103.100.0.2	— 255.0.0.0	— N/A	— R13 Se0/0/0
	— Se0/2/0	— 102.100.0.2	— 255.0.0.0	— N/A	— R16 Se0/0/0
R14	Se0/0/0	105.100.0.1	255.0.0.0	N/A	R12 Se0/0/1
	— Fa0/0	— 200.44.14.1	— 255.255.254.0	— N/A	— SI Fa0/1
R13	Se0/0/0	103.100.0.1	255.0.0.0	N/A	R12 Se0/0/0
	— Se0/0/1	— 100.100.0.1	— 255.0.0.0	— N/A	— R15 Se0/0/1
	— Fa0/0	— 200.44.10.1	— 255.255.254.0	— N/A	— SF Fa0/1

National University of Computer & Emerging Sciences – FAST (CFD)  
Department of Computer Science: Computer Networks Lab (CL3001)

R15	Se0/0/1	100.100.0.2	255.0.0.0	N/A	R13 Se0/0/1
	— Fa0/1	— 200.44.4.1	— 255.255.254.0	— N/A	— SG Fa0/1
	— Fa0/0	— 200.44.6.1	— 255.255.254.0	— N/A	— Data-S Fa0
	— Se0/0/0	— 101.100.0.2	— 255.0.0.0	— N/A	— R16 Se0/0/1
R16	Se0/0/1	101.100.0.1	255.0.0.0	N/A	R15 Se0/0/0
	— Se0/0/0	— 102.100.0.1	— 255.0.0.0	— N/A	— R12 Se0/2/0
	— Se0/2/0	— 104.100.0.1	— 255.0.0.0	— N/A	— R11 Se0/0/0
R11	Se0/0/0	104.100.0.2	255.0.0.0	N/A	R16 Se0/2/0
	— Fa0/0	— 200.44.12.1	— 255.255.254.0	— N/A	— SH Fa0/1
R21	Se0/0/0	94.100.0.2	255.0.0.0	N/A	R7 Se0/2/0
	— Se0/0/1	— 71.100.0.2	— 255.0.0.0	— N/A	— R22 Se0/0/0
R22	Se0/0/0	71.100.0.1	255.0.0.0	N/A	R21 Se0/0/1
	— Se0/2/0	— 73.100.0.1	— 255.0.0.0	— N/A	— R24 Se0/0/0
	— Se0/0/1	— 72.100.0.1	— 255.0.0.0	— N/A	— R23 Se0/0/0
R24	Se0/0/0	73.100.0.2	255.0.0.0	N/A	R22 Se0/2/0
	— Fa0/0	— 200.44.18.1	— 255.255.255.0	— N/A	— SJ Fa0/1
R23	Se0/0/0	72.100.0.2	255.0.0.0	N/A	R22 Se0/0/1
	— Fa0/0	— 111.100.0.2	— 255.0.0.0	— N/A	— MLS4 Fa0/23
MLS4	Fa0/23	111.100.0.1	255.0.0.0	N/A	R23 Fa0/0
	— Fa0/24	— trunk	— ---	— N/A	— S1 Gig0/1
	— Gig0/2	— 106.100.0.7	— 255.0.0.0	— N/A	— DHCP-VLANs Fa0
	— Gig0/1	— Trunk	— ---	— N/A	— S(1)(2) Gig0/1
	— Fa0/1	— Trunk	— ---	— N/A	— P-PC Fa0

National University of Computer & Emerging Sciences – FAST (CFD)  
Department of Computer Science: Computer Networks Lab (CL3001)

DHCP Server	Fa0	60.0.0.2	255.0.0.0	60.0.0.1	R7 Fa0/0
Data Server	Fa0	DHCP	255.255.255.192	200.44.21.65	R1 Gig0/1
TFTP Server	Fa0	DHCP	255.255.255.128	200.44.20.129	R10 Fa0/1
Data Server3	Fa0	DHCP	255.255.252.0	200.44.6.1	R15 Fa0/0
DHCP Server VLANs	Fa0	106.100.0.6	255.0.0.0	106.100.0.7	MLS4 Gig0/2
PC22	Fa0	DHCP	255.255.255.128	200.44.22.1	S0 Fa1/1
PC23	Fa0	DHCP	255.255.255.192	200.44.21.1	S(0)(1) Fa1/1
PC24	Fa0	DHCP	255.255.254.0	200.44.16.2	SB Fa1/1
PC25	Fa0	DHCP	255.255.254.0	200.44.2.1	SC2 Fa1/1
PC13	Fa0	DHCP	255.255.255.0	200.44.19.1	SL Fa1/1
PC14	Fa0	DHCP	255.255.254.0	200.44.8.1	SD Fa1/1
PC0	Fa0	DHCP	255.255.255.128	200.44.21.129	SM Fa1/1
PC15	Fa0	DHCP	255.255.255.128	200.44.20.1	SE Fa1/1
PC20	Fa0	DHCP	255.255.254.0	200.44.14.1	SI Fa1/1
PC19	Fa0	DHCP	255.255.254.0	200.44.12.1	SH Fa1/1
PC18	Fa0	DHCP	255.255.254.0	200.44.10.1	SF Fa1/1
PC21	Fa0	DHCP	255.255.252.0	200.44.4.1	SG Fa1/1

National University of Computer & Emerging Sciences – FAST (CFD)  
Department of Computer Science: Computer Networks Lab (CL3001)

PC17	Fa0	DHCP	255.255.255.0	200.44.18.1	SJ Fa0/2
PUBLIC PC	Fa0	DHCP-VLAN	255.0.0.0	106.100.0.7	MLS4 Fa0/1
PC16	Fa0	DHCP-VLAN	255.0.0.0	106.100.0.7	S1 Fa0/1
PC3	Fa0	DHCP-VLAN	255.0.0.0	107.100.0.1	S(1)(2) Fa0/4
PC1	Fa0	DHCP-VLAN	255.0.0.0	108.101.0.2	S(1)(2) Fa0/3
PC2	Fa0	DHCP-VLAN	255.0.0.0	109.100.0.1	S(1)(2) Fa0/1
PC4	Fa0	DHCP-VLAN	255.0.0.0	110.100.0.1	S(1)(2) Fa0/2
PC5	Fa0	DHCP-VLAN	255.0.0.0	107.100.0.1	S(1)(1) Fa0/1
PC6	Fa0	DHCP-VLAN	255.0.0.0	108.101.0.2	S(1)(1) Fa0/2
PC7	Fa0	DHCP-VLAN	255.0.0.0	109.100.0.1	S(1)(1) Fa0/3
PC8	Fa0	DHCP-VLAN	255.0.0.0	110.100.0.1	S(1)(1) Fa0/4
PC12	Fa0	DHCP-VLAN	255.0.0.0	107.100.0.1	S1(1) Fa0/1
PC11	Fa0	DHCP-VLAN	255.0.0.0	108.101.0.2	S1(1) Fa0/2
PC10	Fa0	DHCP-VLAN	255.0.0.0	109.100.0.1	S1(1)Fa0/3
PC9	Fa0	DHCP-VLAN	255.0.0.0	110.100.0.1	S1(1) Fa0/4

---