

## IP Addressing Table

Device	Interface	IP Address	Subnet	Zone / Purpose
<b>CoreRouter_R1</b>	G0/0 (to Admin)	192.168.5.17	192.168.5.16/29 (J)	Admin Zone
	G0/1 (to WebServer)	192.168.5.1	192.168.5.0/29 (K)	Web Services
	G1/0 (to Servers)	192.168.5.9	192.168.5.8/29 (I)	NTP/TACACS Server
	S0/0/0 (to R2)	192.168.1.1	192.168.1.0/30 (G)	Link to R2
	S0/0/1 (to R3)	192.168.1.5	192.168.1.4/30 (H)	Link to R3
<b>BranchRouter_R2</b>	G0/0 (HR)	192.168.10.1	192.168.10.0/24 (A)	HR Department
	G0/1 (Sales)	192.168.20.1	192.168.20.0/24 (B)	Sales Department
	G1/0 (R&D)	192.168.30.1	192.168.30.0/24 (C)	R&D Department
	S0/0/0 (to R1)	192.168.1.2	192.168.1.0/30 (G)	Link to R1
<b>BranchRouter_R3</b>	G0/0 (Finance)	192.168.40.1	192.168.40.0/27 (D)	Finance Department
	G0/1 (Marketing)	192.168.40.33	192.168.40.32/27 (E)	Marketing Department
	G1/0 (QA)	192.168.40.65	192.168.40.64/27 (F)	QA Department
	S0/0/0 (to R1)	192.168.1.6	192.168.1.4/30 (H)	Link to R1

## **Server & Host Devices**

Device	IP Address	Subnet	Purpose
Admin-PC	192.168.5.18	192.168.5.16/29 (J)	Management
Web Server	192.168.5.2	192.168.5.0/29 (K)	Website Hosting
NTP Server	192.168.5.10	192.168.5.8/29 (I)	Time Source
TACACS+ Server	192.168.5.11	192.168.5.8/29 (I)	Remote Authentication

## **Sample PCs (User Devices)**

PC	IP Address	Subnet	Department
HR-PC	192.168.10.10	192.168.10.0/24 (A)	HR Department
Sales-PC	192.168.20.10	192.168.20.0/24 (B)	Sales Department
RND-PC	192.168.30.10	192.168.30.0/24 (C)	R&D Department
Finance-PC	192.168.40.10	192.168.40.0/27 (D)	Finance Department
Marketing-PC	192.168.40.34	192.168.40.32/27 (E)	Marketing Department
QA-PC	192.168.40.66	192.168.40.64/27 (F)	QA Department