

The VLSM Scheme

Network: 192.168.1.0/24 Requirements: Sales (20 hosts), Marketing (5 hosts).

Department	Hosts Needed	CIDR	Subnet Mask	Network Address	Gateway IP	Broadcast
Sales	20	/27	255.255.255.224	192.168.1.0	192.168.1.1	192.168.1.31
Marketing	5	/29	255.255.255.248	192.168.1.32	192.168.1.33	192.168.1.39