192.168.100.0 /25, 2 Subnets, 126 hosts / Subnet

Subnet ID	Subnet Address	Host Address Range	Broadcast Address
1	192.168.100.0	192.168.100.1 - 192.168.100.126	192.168.100.127
2	192.168.100.128	192.168.100.129 - 192.168.100.254	192.168.100.255

192.168.100.0 /26, 4 Subnets, 62 Hosts / Subnet

Subnet ID	Subnet Address	Host Address Range	Broadcast Address
1	192.168.100.0	192.168.100.1 - 192.168.100.62	192.168.100.63
2	192.168.100.64	192.168.100.65 - 192.168.100.126	192.168.100.127
3	192.168.100.128	192.168.100.129 - 192.168.100.190	192.168.100.191
4	192.168.100.192	192.168.100.193 - 192.168.100.254	192.168.100.255

192.168.100.0 /27, 8 Subnets, 30 Hosts / Subnet

Subnet ID	Subnet Address	Host Address Range	Broadcast Address
1	192.168.100.0	192.168.100.1 - 192.168.100.30	192.168.100.31
2	192.168.100.32	192.168.100.33 - 192.168.100.62	192.168.100.63
3	192.168.100.64	192.168.100.65 - 192.168.100.94	192.168.100.95
4	192.168.100.96	192.168.100.97 - 192.168.100.126	192.168.100.127
5	192.168.100.128	192.168.100.129 - 192.168.100.158	192.168.100.159
6	192.168.100.160	192.168.100.161 - 192.168.100.190	192.168.100.191
7	192.168.100.192	192.168.100.193 - 192.168.100.222	192.168.100.223
8	192.168.100.224	192.168.100.225 - 192.168.100.254	192.168.100.255

192.168.100.0 /28, 16 Subnets, 14 Hosts / Subnet

Subnet ID	Subnet Address	Host Address Range	Broadcast Address
1	192.168.100.0	192.168.100.1 - 192.168.100.14	192.168.100.15
2	192.168.100.16	192.168.100.17 - 192.168.100.30	192.168.100.31
3	192.168.100.32	192.168.100.33 - 192.168.100.46	192.168.100.47
4	192.168.100.48	192.168.100.49 - 192.168.100.62	192.168.100.63
5	192.168.100.64	192.168.100.65 - 192.168.100.78	192.168.100.79
6	192.168.100.80	192.168.100.81 - 192.168.100.94	192.168.100.95
7	192.168.100.96	192.168.100.97 - 192.168.100.110	192.168.100.111
8	192.168.100.112	192.168.100.113 - 192.168.100.126	192.168.100.127
9	192.168.100.128	192.168.100.129 - 192.168.100.142	192.168.100.143
10	192.168.100.144	192.168.100.145 - 192.168.100.158	192.168.100.159
11	192.168.100.160	192.168.100.161 - 192.168.100.174	192.168.100.175
12	192.168.100.176	192.168.100.177 - 192.168.100.190	192.168.100.191
13	192.168.100.192	192.168.100.193 - 192.168.100.206	192.168.100.207
14	192.168.100.208	192.168.100.209 - 192.168.100.222	192.168.100.223
15	192.168.100.224	192.168.100.225 - 192.168.100.238	192.168.100.239
16	192.168.100.240	192.168.100.241 - 192.168.100.254	192.168.100.255

Marketing Dept.
100 Employees

I.T. Dept.
22 Employees

Human Resources
9 Employees

Router

Sales Dept.
55 Employees