

Subnetting Successful

Major Network: **192.168.1.0/24**

Available IP addresses in major network: **254**

Number of IP addresses needed: **119**

Available IP addresses in allocated subnets: **142**

About **61%** of available major network address space is used

About **84%** of subnetted network address space is used

Subnet Name	Needed Size	Allocated Size	Address	Mask	Dec Mask	Assignable Range	Broadcast
LAN A	55	62	192.168.1.0	/26	255.255.255.192	192.168.1.1 - 192.168.1.62	192.168.1.63
LAN C	26	30	192.168.1.64	/27	255.255.255.224	192.168.1.65 - 192.168.1.94	192.168.1.95
LAN D	20	30	192.168.1.96	/27	255.255.255.224	192.168.1.97 - 192.168.1.126	192.168.1.127
LAN B	12	14	192.168.1.128	/28	255.255.255.240	192.168.1.129 - 192.168.1.142	192.168.1.143
WAN R0-R1	2	2	192.168.1.144	/30	255.255.255.252	192.168.1.145 - 192.168.1.146	192.168.1.147
WAN R0-R2	2	2	192.168.1.148	/30	255.255.255.252	192.168.1.149 - 192.168.1.150	192.168.1.151
WAN R1-R2	2	2	192.168.1.152	/30	255.255.255.252	192.168.1.153 - 192.168.1.154	192.168.1.155

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