

## Subnetting Successful

Major Network: **150.193.0.0/16**

Available IP addresses in major network: **65534**

Number of IP addresses needed: **1775**

Available IP addresses in allocated subnets: **2554**

About **4%** of available major network address space is used

About **69%** of subnetted network address space is used

Subnet Name	Needed Size	Allocated Size	Address	Mask	Dec Mask	Assignable Range	Broadcast
LAN X	750	1022	150.193.0.0	/22	255.255.252.0	150.193.0.1 - 150.193.3.254	150.193.3.255
LAN Z	625	1022	150.193.4.0	/22	255.255.252.0	150.193.4.1 - 150.193.7.254	150.193.7.255
LAN Y	400	510	150.193.8.0	/23	255.255.254.0	150.193.8.1 - 150.193.9.254	150.193.9.255

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