

193.56.132.0/26

Subnet Number	Subnet Address	Subnet Mask	First Usable IP Address	Last Usable IP Address	Broadcast Address
0	193.56.132.0	255.255.255.192	193.56.132.1	193.56.132.62	193.56.132.63
1	193.56.132.64	255.255.255.192	193.56.132.65	193.56.132.126	193.56.132.127
2	193.56.132.128	255.255.255.192	193.56.132.129	193.56.132.190	193.56.132.191
3	193.56.132.192	255.255.255.192	193.56.132.193	193.56.132.254	193.56.132.255

206.112.213.0/28

Subnet Number	Subnet Address	Subnet Mask	First Usable IP Address	Last Usable IP Address	Broadcast Address
0	206.112.213.0	255.255.255.240	206.112.213.1	206.112.213.14	206.112.213.15
1	206.112.213.16	255.255.255.240	206.112.213.17	206.112.213.30	206.112.213.31
2	206.112.213.32	255.255.255.240	206.112.213.33	206.112.213.46	206.112.213.47
3	206.112.213.48	255.255.255.240	206.112.213.49	206.112.213.62	206.112.213.63
4	206.112.213.64	255.255.255.240	206.112.213.65	206.112.213.78	206.112.213.79
5	206.112.213.80	255.255.255.240	206.112.213.81	206.112.213.94	206.112.213.95
6	206.112.213.96	255.255.255.240	206.112.213.97	206.112.213.110	206.112.213.111
7	206.112.213.112	255.255.255.240	206.112.213.113	206.112.213.126	206.112.213.127
8	206.112.213.128	255.255.255.240	206.112.213.129	206.112.213.142	206.112.213.143
9	206.112.213.144	255.255.255.240	206.112.213.145	206.112.213.158	206.112.213.159
10	206.112.213.160	255.255.255.240	206.112.213.161	206.112.213.174	206.112.213.175
11	206.112.213.176	255.255.255.240	206.112.213.177	206.112.213.190	206.112.213.191
12	206.112.213.192	255.255.255.240	206.112.213.193	206.112.213.206	206.112.213.207
13	206.112.213.208	255.255.255.240	206.112.213.209	206.112.213.222	206.112.213.223
14	206.112.213.224	255.255.255.240	206.112.213.225	206.112.213.238	206.112.213.239
15	206.112.213.240	255.255.255.240	206.112.213.241	206.112.213.254	206.112.213.255

199.123.45.0/27

Subnet Number	Subnet Address	Subnet Mask	First Usable IP Address	Last Usable IP Address	Broadcast Address
0	199.123.45.0	255.255.255.224	199.123.45.1	199.123.45.30	31
1	199.123.45.32	255.255.255.224	199.123.45.33	199.123.45.62	63
2	199.123.45.64	255.255.255.224	199.123.45.65	199.123.45.94	95
3	199.123.45.96	255.255.255.224	199.123.45.97	199.123.45.126	127

4	199.123.45.128	255.255.255.224	199.123.45.129	199.123.45.158	159
5	199.123.45.160	255.255.255.224	199.123.45.161	199.123.45.190	191
6	199.123.45.192	255.255.255.224	199.123.45.193	199.123.45.222	223
7	199.123.45.224	255.255.255.224	199.123.45.225	199.123.45.254	255

Enter CIDR Value	26	2 bits for Host
How many slices ($2^{\text{Host Bits}}$)	4	
IPs per slice ($256 / (2^{\text{Host Bits}})$)	64	

Enter CIDR Value	28	4 bits for Host
How many slices ($2^{\text{Host Bits}}$)	16	
IPs per slice ($256 / (2^{\text{Host Bits}})$)	16	

Enter CIDR Value	27	3 bits for Host
How many slices ($2^{\text{Host Bits}}$)	8	
IPs per slice ($256 / (2^{\text{Host Bits}})$)	32	

1	30	31	Enter CIDR
33	62	63	How many
65	94	95	IPs per slice
97	126	127	

129	158	159
161	190	191
193	222	223
225	254	255

27 3 bits for Host
8
32