

		Bits for Hosts	Useable (sub 2)	New subnet increment	Examples
/22	255.255.252.0	$2^{10}=1024$	1022	every x.x.4.0	Sub 1 = 153.104.0.0/22 153.104.0.1-3.254 Sub2=153.104.4.0/22 153.104.4.1-7.254 Sub 3 = 153.104.8.0/22 153.104.8.1-11.254 Sub 4 = 153.104.12.0/22 153.104.12.1-15.254
/23	255.255.254.0	$2^9=512$	510	2.0	Sub 1 = 153.104.0.0/23 153.104.0.1-1.254 Sub2=153.104.2.0/23 153.104.2.1-3.254 Sub 3 = 153.104.4.0/23 153.104.4.1-5.254
/24	255.255.255.0	$2^8=256$	254	.0	Sub 1 = 153.104.0.0/24 153.104.0.1-254 Sub 2 = 153.104.1.0/24 153.104.1.1-254 Sub 3 = 153.104.2.0/24 153.104.2.1-254
/25	255.255.255.128	$2^7=128$	126	.128	Sub 1 = 153.104.0.0/25 153.104.0.1-126 Sub 2 = 153.104.0.128/25 153.104.0.129-254 Sub 3 = 153.104.1.0/25 153.104.1.1-126
/26	255.255.255.192	$2^6=64$	62	.64	Sub 1 = 153.104.0.0/26 153.104.0.1-62 Sub 2 = 153.104.0.64/26 153.104.0.65-126 Sub 3 = 153.104.0.128/26 153.104.0.129-190 Sub 4 = 153.104.0.192/26 153.104.0.193-254 Sub 5 = 153.104.1.0/26 153.104.1.1-62 Sub 6 = 153.104.1.64/26 153.104.1.65-126
/27	255.255.255.224	$2^5=32$	30	.32	Sub 1 = 153.104.0.0/27 153.104.0.1-30 Sub 2 = 153.104.0.32/27 153.104.0.33-62 Sub 3 = 153.104.0.64/27 153.104.0.65-94 Sub 4 = 153.104.0.96/27 153.104.0.97-126 Sub 5 = 153.104.0.128/27 153.104.0.129-158 Sub 6 = 153.104.0.160/27 153.104.0.161-190
/28	255.255.255.240	$2^4=16$	14	.16	Sub 1 = 153.104.0.0/28 153.104.0.1-14 Sub 2 = 153.104.0.16/28 153.104.0.17-30 Sub 3 = 153.104.0.32/28 153.104.0.33-46 Sub 4 = 153.104.0.48/28 153.104.0.49-62 Sub 5 = 153.104.0.64/28 153.104.0.65-78 Sub 6 = 153.104.0.80/28 153.104.0.81-95
/29	255.255.255.248	$2^3=8$	6	.8	Sub 1 = 153.104.0.0/29 153.104.0.1-6 Sub 2 = 153.104.0.8/29 153.104.0.9-14 Sub 3 = 153.104.0.16/29 153.104.0.17-22 Sub 4 = 153.104.0.24/29 153.104.0.25-30 Sub 5 = 153.104.0.32/29 153.104.0.33-38 Sub 6 = 153.104.0.40/29 153.104.0.41-46
/30	255.255.255.252	$2^2=4$	2	.4	Sub 1 153.104.0.0/30 153.104.0.1-2 Sub 2 153.104.0.4/30 153.104.0.5-6