Dotted Decimal Notation	Prefix Notation
255.0.0.0	/8 (Classful Subnet Mask for Class A Networks)
255.128.0.0	/9
255.192.0.0	/10
255.224.0.0	/11
255.240.0.0	/12
255.248.0.0	/13
255.252.0.0	/14
255.254.0.0	/15
255.255.0.0	/16 (Classful Subnet Mask for Class B Networks)
255.255.128.0	/17
255.255.192.0	/18
255.255.224.0	/19
255.255.240.0	/20
255.255.248.0	/21
255.255.252.0	/22
255.255.254.0	/23
255.255.255.0	/24 (Classful Subnet Mask for Class C Networks)
255.255.255.128	/25
255.255.255.192	/26
255.255.255.224	/27
255.255.255.240	/28
255.255.255.248	/29
255.255.255.252	/30

Subnet Octet Value	Number of Left-Justified 1s
0	0
128	1
192	2
224	3
240	4
248	5
252	6
254	7
255	8

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