

15 Subnet Masks

15.198.78.12 /20

Network Class	A
Network Bits	8
Subnet Bits	12
Host Bits	12
Mask	255.255.240.0
Number of Subnets	4096
Hosts per Subnet	4094
Subnet Address	15.198.64.0
Broadcast Address	15.198.79.255

191.255.255.255 255.255.255.248

Network Class	B
Network Bits	16
Subnet Bits	13
Host Bits	3
CIDR Mask	/29
Number of Subnets	8192
Hosts per Subnet	6
Subnet Address	191.255.255.248
Broadcast Address	191.255.255.255

128.128.128.128 /16

Network Class	B
Network Bits	16
Subnet Bits	0
Host Bits	16
Mask	255.255.0.0
Number of Subnets	0
Hosts per Subnet	$2^{16} - 2 = 65,534$
Subnet Address	128.128.0.0
Broadcast Address	128.128.255.255

201.18.58.243 255.255.255.240

Net Class	C
Network Bits	24
Subnet Bits	4
Host Bits	4
CIDR Mask	/28
Number of Subnets	16
Hosts per Subnet	14
Subnet Address	201.18.58.240
Broadcast Address	201.18.58.255

221.58.12.1 /26

Network Class	C
Network Bits	24
Subnet Bits	2
Host Bits	6
Mask	255.255.255.192
Number of Subnets	4
Hosts per Subnet	62
Subnet Address	221.58.12.0
Broadcast Address	221.58.12.63

72.9.15.1 /18

Network Class	A
Network Bits	8
Subnet Bits	10
Host Bits	14
Mask	255.255.192.0
Number of Subnets	1024
Hosts per Subnet	$2^{14} - 2$
Subnet Address	72.9.0.0
Broadcast Address	72.9.63.255