Private IP ranges

RFC1918 name	IP address range	number of addresses	classful description	largest CIDR block (subnet mask)	host id size	mask bits
24-bit block	10.0.0.0-10.255.255.255	16777216	single class A network	10.0.0.0/8 (255.0.0.0)	24 bits	8 bits
20-bit block	172.16.0.0-172.31.255.255	1048576	16 contigous class B networks	172.16.0.0/12 (255.240.0.0)	20 bits	12 bits
16-bit block	192.168.0.0-192.168.255.255	65536	256 contigous class C networks	192.168.0.0/16 (255.255.0.0)	16 bits	16 bits
APIPA	169.254.0.0-169.254.255.255	Automatic Private IP Addressing is a feature on Microsoft operating systems to automatically assign itself an IP address within this range if a Dynamic Host Configuration Protocol server is not available.				
Localhost	127.0.0.1-127.255.255.255	Network testing addresses (also referred to as loop-back addresses)				

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