| CIDR | Subnet Mask | Block Size | Networks | Hosts | Bits on | Bits off | Wildcard |
|---|---|---|---|---|---|---|---|
| /8 | 255.0.0.0 | 256 | 1 | 16777212 | 0 | 8 | 255 |
| /9 | 255.128.0.0 | 128 | 2 | 8388606 | 1 | 7 | 127 |
| /10 | 255.192.0.0 | 64 | 4 | 4194302 | 2 | 6 | 63 |
| /11 | 255.224.0.0 | 32 | 8 | 2097150 | 3 | 5 | 31 |
| /12 | 255.240.0.0 | 16 | 16 | 1048574 | 4 | 4 | 15 |
| /13 | 255.248.0.0 | 8 | 32 | 524286 | 5 | 3 | 7 |
| /14 | 255.252.0.0 | 4 | 64 | 262142 | 6 | 2 | 3 |
| /15 | 255.254.0.0 | 2 | 128 | 131070 | 7 | 1 | 1 |
| /16 | 255.255.0.0 | 1 | 256 | 65534 | 8 | 0 | 0 |
| /17 | 255.255.128.0 | 128 | 2 | 32766 | 1 | 7 | 127 |
| /18 | 255.255.192.0 | 64 | 4 | 16382 | 2 | 6 | 63 |
| /19 | 255.255.224.0 | 32 | 8 | 8190 | 3 | 5 | 31 |
| /20 | 255.255.240.0 | 16 | 16 | 4094 | 4 | 4 | 15 |
| /21 | 255.255.248.0 | 8 | 32 | 2046 | 5 | 3 | 7 |
| /22 | 255.255.252.0 | 4 | 64 | 1022 | 6 | 2 | 3 |
| /23 | 255.255.254.0 | 2 | 128 | 510 | 7 | 1 | 1 |
| /24 | 255.255.255.0 | 1 | 256 | 254 | 8 | 0 | 0 |
| /25 | 255.255.255.128 | 128 | 2 | 126 | 1 | 7 | 127 |
| /26 | 255.255.255.192 | 64 | 4 | 62 | 2 | 6 | 63 |
| /27 | 225.255.255.224 | 32 | 8 | 30 | 3 | 5 | 31 |
| /28 | 255.255.255.240 | 16 | 16 | 14 | 4 | 4 | 15 |
| /29 | 255.255.255.248 | 8 | 32 | 6 | 5 | 3 | 7 |
| /30 | 255.255.255.252 | 4 | 64 | 2 | 6 | 2 | 3 |
| | | | | | | | |
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