# IPV4 CIDR/SUBNETS

| **CIDR** | **Subnet** | **# Addresses** |
| --- | --- | --- |
| /32 | 255.255.255.255 | 1 |
| /31 | 255.255.255.254 | 2 |
| /30 | 255.255.255.252 | 4 |
| /29 | 255.255.255.248 | 8 |
| /28 | 255.255.255.240 | 16 |
| /27 | 255.255.255.224 | 32 |
| /26 | 255.255.255.192 | 64 |
| /25 | 255.255.255.128 | 128 |
| /24 | 255.255.255.0 | 256 |
| /23 | 255.255.254.0 | 512 |
| /22 | 255.255.252.0 | 1024 |
| /21 | 255.255.248.0 | 2048 |
| /20 | 255.255.240.0 | 4096 |
| /19 | 255.255.224.0 | 8192 |
| /18 | 255.255.192.0 | 16,384 |
| /17 | 255.255.128.0 | 32,768 |
| /16 | 255.255.0.0 | 65,536 |
| /15 | 255.254.0.0 | 131,072 |
| /14 | 255.252.0.0 | 262,144 |
| /13 | 255.248.0.0 | 524,288 |
| /12 | 255.240.0.0 | 1,048,576 |
| /11 | 255.224.0.0 | 2,097,152 |
| /10 | 255.192.0.0 | 4,194,304 |
| /9 | 255.128.0.0 | 8,388,608 |
| /8 | 255.0.0.0 | 16,777,216 |