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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HOST NEEDED** | **AVAILABLE HOST** | **NETWORK ADDRESS** | **FIRST IP** | **LAST IP** | **BROADCAST ADDRESS** | **SLASH** | **SUBNET MASK** | **WILDCARD ADDRESS** |
|  |  |  |  |  |  |  |  |  |
| **400** | 510 | 27.0.0.0 | 27.0.0.1 | 27.0.1.254 | 27.0.1.255 | /23 | 255.255.254.0 | 0.0.1.255 |
| **200** | 254 | 27.0.2.0 | 27.0.2.1 | 27.0.2.254 | 27.0.2.255 | /24 | 255.255.255.0 | 0.0.0.255 |
| **100** | 126 | 27.0.3.0 | 27.0.3.1 | 27.0.3.126 | 27.0.3.127 | /25 | 255.255.255.128 | 0.0.0.127 |
| **90** | 126 | 27.0.3.128 | 27.0.3.129 | 27.0.3.254 | 27.0.3.255 | /25 | 255.255.255.128 | 0.0.0.127 |
| **70** | 126 | 27.0.4.0 | 27.0.4.1 | 27.0.4.126 | 27.0.4.127 | /25 | 255.255.255.128 | 0.0.0.127 |
| **60** | 62 | 27.0.4.128 | 27.0.4.129 | 27.0.4.190 | 27.0.4.191 | /26 | 255.255.255.192 | 0.0.0.63 |
| **50** | 64 | 27.0.4.192 | 27.0.4.193 | 27.0.4.254 | 27.0.4.255 | /26 | 255.255.254.192 | 0.0.0.63 |
| **30** | 30 | 27.0.5.0 | 27.0.5.1 | 27.0.5.30 | 27.0.5.31 | /27 | 255.255.255.224 | 0.0.0.31 |
| **10** | 14 | 27.0.5.32 | 27.0.5.33 | 27.0.5.46 | 27.0.5.47 | /28 | 255.255.255.240 | 0.0.0.15 |
| **10** | 14 | 27.0.5.48 | 27.0.5.49 | 27.0.5.62 | 27.0.5.63 | /28 | 255.255.255.240 | 0.0.0.15 |
| **10** | 14 | 27.0.5.64 | 27.0.5.65 | 27.0.5.78 | 27.0.5.79 | /28 | 255.255.255.240 | 0.0.0.15 |
| **10** | 14 | 27.0.5.80 | 27.0.5.81 | 27.0.5.94 | 27.0.5.95 | /28 | 255.255.255.240 | 0.0.0.15 |
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| **FOR ALL ROUTERS** | | | | | | | | |
| 2 | 2 | 27.0.5.96 | 27.0.5.97 | 27.0.5.98 | 27.0.5.99 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.100 | 27.0.5.101 | 27.0.5.102 | 27.0.5.103 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.104 | 27.0.5.105 | 27.0.5.106 | 27.0.5.107 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.108 | 27.0.5.109 | 27.0.5.110 | 27.0.5.111 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.112 | 27.0.5.113 | 27.0.5.114 | 27.0.5.115 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.116 | 27.0.5.117 | 27.0.5.118 | 27.0.5.119 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.120 | 27.0.5.121 | 27.0.5.122 | 27.0.5.123 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.124 | 27.0.5.125 | 27.0.5.126 | 27.0.5.127 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.128 | 27.0.5.129 | 27.0.5.130 | 27.0.5.131 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.132 | 27.0.5.133 | 27.0.5.134 | 27.0.5.135 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.136 | 27.0.5.137 | 27.0.5.138 | 27.0.5.139 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.140 | 27.0.5.141 | 27.0.5.142 | 27.0.5.143 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.144 | 27.0.5.145 | 27.0.5.146 | 27.0.5.147 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.148 | 27.0.5.149 | 27.0.5.150 | 27.0.5.151 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.152 | 27.0.5.153 | 27.0.5.154 | 27.0.5.155 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.156 | 27.0.5.157 | 27.0.5.158 | 27.0.5.159 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.160 | 27.0.5.161 | 27.0.5.162 | 27.0.5.163 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.164 | 27.0.5.165 | 27.0.5.166 | 27.0.5.167 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.168 | 27.0.5.169 | 27.0.5.170 | 27.0.5.171 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.172 | 27.0.5.173 | 27.0.5.174 | 27.0.5.175 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.176 | 27.0.5.177 | 27.0.5.178 | 27.0.5.179 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.180 | 27.0.5.181 | 27.0.5.182 | 27.0.5.183 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.184 | 27.0.5.185 | 27.0.5.186 | 27.0.5.187 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.188 | 27.0.5.189 | 27.0.5.190 | 27.0.5.191 | /30 | 255.255.255.252 | 0.0.0.3 |
| 2 | 2 | 27.0.5.192 | 27.0.5.193 | 27.0.5.194 | 27.0.5.195 | /30 | 255.255.255.252 | 0.0.0.3 |
| Extra IPS | | | | | | | | |
| 8 | 14 | 27.0.5.196 | 27.0.5.197 | 27.0.5.210 | 27.0.5.211 | /28 | 255.255.255.240 | 0.0.0.15 |
| 8 | 14 | 27.0.5.212 | 27.0.5.213 | 27.0.5.226 | 27.0.5.227 | /28 | 255.255.255.240 | 0.0.0.15 |
| 8 | 14 | 27.0.5.228 | 27.0.5.229 | 27.0.5.242 | 27.0.5.243 | /28 | 255.255.255.240 | 0.0.0.15 |
| 8 | 14 | 27.0.5.244 | 27.0.5.245 | 27.0.6.3 | 27.0.6.4 | /28 | 255.255.255.240 | 0.0.0.15 |
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