|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Subnet no | Subnet IP | First usable host IP | Last usable host IP | Broadcast Address |
| 0 | 172.31.1.0 | 172.31.1.1 | 172.31.1.14 | 172.31.1.15 |
| 1 | 172.31.1.16 | 172.31.1.17 | 172.31.1.30 | 172.31.1.31 |
| 2 | 172.31.1.32 | 172.31.1.33 | 172.31.1.46 | 172.31.1.47 |
| 3 | 172.31.1.48 | 172.31.1.49 | 172.31.1.62 | 172.31.1.63 |
| 4 | 172.31.1.64 | 172.31.1.65 | 172.31.1.78 | 172.31.1.79 |
| 5 | 172.31.1.80 | 172.31.1.81 | 172.31.1.94 | 172.31.1.95 |
| 6 | 172.31.1.96 | 172.31.1.97 | 172.31.1.110 | 172.31.1.111 |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| 11 |  |  |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 |  |  |  |  |
| 15 |  |  |  |  |
|  |  |  |  |  |

Assignment:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Subnet no | Subnet IP | First usable host IP | Last usable host IP | Broadcast Address |
| 1 | 172.17.1.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 2 | 172.17.3.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 3 | 172.17.5.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 4 | 172.17.7.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 5 | 172.17.9.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 6 | 172.17.11.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 7 | 172.17.13.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |
| 8 | 172.17.15.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 |

Assignment:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Subnet no | Subnet IP | First usable host IP | Last usable host IP | Broadcast Address | Subnet Mask |
| 1/500 | 172.17.1.0 | 172.17.1.1 | 172.17.1.254 | 172.17.1.255 | 255.255.254.0 |
| 2/200 | 172.17.2.0 | 172.17.1.1 | 172.17.1.254 | 172.17.2.255 | 255.255.255.0 |
| 3/100 | 172.17.3.0 | 172.17.1.1 | 172.17.1.254 | 172.17.3.127 | 255.255.255.128 |
| 4/10 | 172.17.3.128 | 172.17.1.1 | 172.17.1.254 | 172.17.3.143 | 255.255.255.240 |
| 5/2 | 172.17.3.144 | 172.17.1.1 | 172.17.1.254 | 172.17.3.147 | 255.255.255.252 |
| 6/2 | 172.17.3.148 | 172.17.1.1 | 172.17.1.254 | 172.17.3.151 |  |
| 7/2 | 172.17.3.152 | 172.17.1.1 | 172.17.1.254 | 172.17.3.155 |  |
| 8/2 | 172.17.3.156 | 172.17.1.1 | 172.17.1.254 | 172.17.1.159 |  |