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| --- | --- | --- | --- | --- | --- | --- | --- |
| SN: | Network Name | Requirements | Network Address | Subnet Mask | First H | Last H | Broadcast |
| 1 | Green road | 500 | 172.12.0.0/23 | 255.255.254.0 | 172.12.0.1 | 172.12.1.254 | 172.12.1.255 |
| 2 | Cantonment | 450 | 172.12.2.0/23 | 255.255.254.0 | 172.12.2.1 | 172.12.3.254 | 172.12.3.255 |
| 3 | Mirpur 14 | 440 | 172.12.4.0/23 | 255.255.254.0 | 172.12.4.1 | 172.12.5.254 | 172.12.5.255 |
| 4 | Google | 252 | 172.12.6.0/24 | 255.255.255.0 | 172.12.6.1 | 172.12.6.254 | 172.12.6.255 |
| 5 | Yahoo | 252 | 172.12.7.0/24 | 255.255.255.0 | 172.12.7.1 | 172.12.7.254 | 172.12.7.255 |
| 6 | Mirpur router- tier 2 BD | 2 | 172.12.8.0/30 | 255.255.255.252 | 172.12.8.1 | 172.12.8.2 | 172.12.8.3 |
| 7 | Cantonment router -tier 2 bd | 2 | 172.12.8.4/2 | 255.255.255.252 | 172.12.8.5 | 172.12.8.6 | 172.12.8.7 |
| 8 | Greenroad router – tier 2 bd | 2 | 172.12.8.8/2 | 255.255.255.252 | 172.12.8.9 | 172.12.8.10 | 172.12.8.11 |
| 9 | Tier 2 - btcl | 2 | 172.12.8.12/2 | 255.255.255.252 | 172.12.8.13 | 172.12.8.14 | 172.12.8.15 |
| 10 | Btcl -gl1 | 2 | 172.12.8.16/2 | 255.255.255.252 | 172.12.8.17 | 172.12.8.18 | 172.12.8.19 |
| 11 | Gl1-gl2 | 2 | 172.12.8.20/2 | 255.255.255.252 | 172.12.8.21 | 172.12.8.22 | 172.12.8.23 |
| 12 | Gl2-gl3 | 2 | 172.12.8.24/2 | 255.255.255.252 | 172.12.8.25 | 172.12.8.26 | 172.12.8.27 |
| 13 | Gl3-gl4 | 2 | 172.12.8.28/2 | 255.255.255.252 | 172.12.8.29 | 172.12.8.30 | 172.12.8.31 |
| 14 | Gl4-gl1 | 2 | 172.12.8.32/2 | 255.255.255.252 | 172.12.8.33 | 172.12.8.34 | 172.12.8.35 |
| 15 | Gl2-gl DNS | 2 | 172.12.8.36/2 | 255.255.255.252 | 172.12.8.37 | 172.12.8.38 | 172.12.8.39 |
| 16 | Gl3 -tier1 us | 2 | 172.12.8.40/2 | 255.255.255.252 | 172.12.8.41 | 172.12.8.42 | 172.12.8.43 |
| 17 | Tier1-tier2 | 2 | 172.12.8.44/2 | 255.255.255.252 | 172.12.8.45 | 172.12.8.46 | 172.12.8.47 |
| 18 | Tier2-tier3 | 2 | 172.12.8.48/2 | 255.255.255.252 | 172.12.8.49 | 172.12.8.50 | 172.12.8.51 |

Base :172.12.0.0/16