A class C network – 192.168.100.0/24 is assigned. You need to create an IP plan for this network using VLSM.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network Name | Network ID | Subnet Mask | Host ID Range | # of Usable Host | Broadcast ID |
| Network E | 192.168.100.0 | /30 | 192.168.100.1 - 192.168.100.2 | 2 | 192.168.100.3 |
| Network F | 192.168.100.4 | /30 | 192.168.100.5 - 192.168.100.6 | 2 | 192.168.100.7 |
| Network G | 192.168.100.8 | /30 | 192.168.100.9 - 192.168.100.10 | 2 | 192.168.100.11 |
| Network H | 192.168.100.12 | /30 | 192.168.100.13 - 192.168.100.14 | 2 | 192.168.100.15 |
| Network A | 192.168.100.64 | /26 | 192.168.100.65 - 192.168.100.126 | 62 | 192.168.100.127 |
| Network B | 192.168.100.128 | /27 | 192.168.100.129 - 192.168.100.158 | 30 | 192.168.100.159 |
| Network C | 192.168.100.160 | /28 | 192.168.100.161 - 192.168.100.174 | 14 | 192.168.100.175 |
| Network D | 192.168.100.176 | /28 | 192.168.100.177 - 192.168.100.190 | 14 | 192.168.100.191 |