1

|  |  |
| --- | --- |
| **Prefix Match** | **Link Interface** |
| 0000 | 0 |
| 00110000 01000 | 1 |
| 01000011 01 | 2 |
| otherwise | 3 |

1. 00110000 01001001 01010001 01010101, entry link 3

00110000 01000100 11000011 00111100, entry link 1

2



3

Subnet A can support up to 62 hosts

Subnet B can support up to 14 hosts

Subnet C can support up to 30 hosts

Subnet D can support up to 6 hosts



|  |  |
| --- | --- |
| 11010110 00001001 00011001 001 | Subnet A |
| 11010110 00001001 00011001 00001 | Subnet B |
| 11010110 00001001 00011001 0001 | Subnet C |
| 11010110 00001001 00011001 000001 | Subnet D |