|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SUBNET** | **ID-subretea**  **(binar)** | **Adresa IP a subretelei** | **Domeniu adrese de gazde** | **Adrese de broadcast** |
| #0 | 0000 | 180.125.0.0 | 180.125.0.1 - 180.125.15.254 | 180.125.15.255 |
| #1 | 0001 | 180.125.16.0 | 180.125.16.1-180.125.31.254 | 180.125.31.255 |
| #2 | 0010 | 180.125.32.0 | 180.125.32.1-180.125.47.254 | 180.125.47.255 |
| #3 | 0011 | 180.125.48.0 | 180.125.48.1-180.125.63.254 | 180.125.63.255 |
| #4 | 0100 | 180.125.64.0 | 180.125.64.1-180.125.79.254 | 180.125.79.255 |
| #5 | 0101 | 180.125.80.0 | 180.125.80.1-180.125.95.254 | 180.125.95.255 |
| #6 | 0110 | 180.125.96.0 | 180.125.96.1-180.125.111.254 | 180.125.111.255 |
| #7 | 0111 | 180.125.112.0 | 180.125.112.1-180.125.127.254 | 180.125.127.255 |
| #8 | 1000 | 180.125.128.0 | 180.125.128.1-180.125.143.254 | 180.125.143.255 |
| #9 | 1001 | 180.125.144.0 | 180.125.144.1-180.125.159.254 | 180.125.159.255 |
| #10 | 1010 | 180.125.160.0 | 180.125.160.1-180.125.175.254 | 180.125.175.255 |
| #11 | 1011 | 180.125.176.0 | 180.125.176.1-180.125.191.254 | 180.125.191.255 |
| #12 | 1100 | 180.125.192.0 | 180.125.192.1-180.125.207.254 | 180.125.207.255 |
| #13 | 1101 | 180.125.208.0 | 180.125.208.1-180.125.223.254 | 180.125.223.255 |
| #14 | 1110 | 180.125.224.0 | 180.125.224.1-180.125.239.254 | 180.125.239.255 |
| #15 | 1111 | 180.125.240.0 | 180.125.240.1-180.125.254.254 | 180.125.254.255 |

**Pasul 1**

Q1: 8 subretele

Q2: 10 subretele

Q3: 100 gazde

Q4: 150 gazde

Q5: calsa B

Rezulta: 10 subretele si 150 gazde/subretea

**Pasul 2**

Nr. subretele:

Nr. gazde:

Clasa B cu 16 subretele, cu 4096 gazde/subretea

**Pasul 3**

Masca de subretea:

Binar: 11111111.11111111.11110000.00000000

Zecimal: **255 . 255 . 240 . 0**

In notatie CIDR: /20