Subnet het netwerk 192.168.0.0 zodat je

* 1 netwerk met 6 hosts
* 1 met 20
* 1 met 50

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Aantal hosts | Subnet adres | 1e ip-adres | Laatste ip-adres | Broadcast adres |
| 50 | 192.168.0.0,  255.255.255.192 | 192.168.90.01,  255.255.255.192 | 192.168.90.62,  255.255.255.192 | 192.168.90.63,  255.255.255.192 |
| 20 | 192.168.0.64,  255.255.255.224 | 192.168.0.65,  255.255.255.224 | 192.168.0.94,  255.255.255.224 | 192.168.0.95,  255.255.255.224 |
| 6 | 192.168.0.96,  255.255.255.232 | 192.168.0.97,  255.255.255.232 | 192.168.0.102,  255.255.255.232 | 192.168.0.103,  255.255.255.232 |

Subnet het netwerk 172.16.0.0 zodat je

* 1 netwerk met 2 hosts
* 1 met 20
* 1 met 30
* 1 met 100

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Aantal hosts | Subnet adres | 1e ip-adres | Laatste ip-adres | Broadcast adres |
| 100 | 172.16.0.0,  255.255.255.128 | 172.16.0.1,  255.255.255.128 | 172.16.0.126,  255.255.255.128 | 172.16.0.127,  255.255.255.128 |
| 30 | 172.16.0.128,  255.255.255.224 | 172.16.0.129,  255.255.255.224 | 172.16.0.158,  255.255.255.224 | 172.16.0.159,  255.255.255.224 |
| 20 | 172.16.0.160,  255.255.255.224 | 172.16.0.161,  255.255.255.224 | 172.16.0.190,  255.255.255.224 | 172.16.0.191,  255.255.255.224 |
| 2 | 172.16.0.192,  255.255.255.252 | 172.16.0.193,  255.255.255.252 | 172.16.0.194,  255.255.255.252 | 172.16.0.195,  255.255.255.252 |

Klassen: eerste octet

1-128 = A 255.0.0.0

129 – 191 = B 255.255.0.0

192 – 223 = C 255.255.255.0