

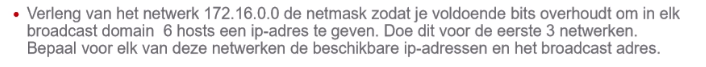
|  |  |  |  |
| --- | --- | --- | --- |
| Subnet | 1e beschikbare adres | Laatste beschikbare adres | Broadcast adres |
| 172.16.0.0 ,  255.255.224.0 | 172.16.0.1,  255.255.224.0 | 172.16.31.254 ,  255.255.224.0 | 172.16.31.255 ,  255.255.224.0 |
| 172.16.32.0 ,  255.255.224.0 | 172.16.32.1 ,  255.255.224.0 | 172.16.63.254 ,  255.255.224.0 | 172.16.63.255 ,  255.255.224.0 |
| 172.16.64.0 ,  255.255.224.0 | 172.16.64.1 ,  255.255.224.0 | 172.16.95.254 ,  255.255.224.0 | 172.16.95.255 ,  255.255.224.0 |
| 172.16.96.0 ,  255.255.224.0 | 172.16.96.1 ,  255.255.224.0 | 172.16.127.254 ,  255.255.224.0 | 172.16.127.255 ,  255.255.224.0 |
| 172.16.128.0 ,  255.255.224.0 | 172.16.128.1 ,  255.255.224.0 | 172.16.159.254 ,  255.255.224.0 | 172.16.159.255 ,  255.255.224.0 |

Klasse B ->

172.16.0.0 , 255.255.0.0

Aantal netwerkadressen : 5 -> 3 bits toevoegen aan bestaande netmask van 16 bits

1111 1111 . 1111 1111 . 1110 0000 . 0000 0000 -> 255.255.224.0



|  |  |  |  |
| --- | --- | --- | --- |
| Subnet | 1e beschikbare adres | Laatste beschikbare adres | Broadcast adres |
| 172.16.0.0 ,  255.255.255.248 |  |  |  |
| 172.16.0.8 ,  255.255.255.248 |  |  |  |
| 172.16.0.16 ,  255.255.255.248 |  |  |  |

We hebben 6 hosts nodig -> laten 3 bits in het netmask over voor het hostdeel

1111 1000 :