Dada la siguiente dirección IPv6 3FFF:5801:DEAF::/48

Se requieren 65535 subredes.

Encontrar el nuevo prefijo de subred.

Encontrar las direcciones IPv6 de las 65535 subredes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dispositivo | Interfaz | Primera útil de cada red | Prefijo | Default Gateway |
| Universidad | FA0/0 | 3FFF:5801:DEAF:1 1 | /64 | No Aplica |
|  | FA0/1 | 3FFF:5801:DEAF:2 1 | /64 | No Aplica |
| Laptop1 | FastEthernet0 | 3FFF:5801:DEAF:1 65.536 | /64 | 3FFF:5801:DEAF:1 1 |
| Laptop2 | FastEthernet0 | 3FFF:5801:DEAF:1 65.535 | /64 | 3FFF:5801:DEAF:1 1 |
| PC1America | FastEthernet0 | 3FFF:5801:DEAF:2 65.536 | /64 | 3FFF:5801:DEAF:2 1 |
| Pc2America | FastEthernet0 | 3FFF:5801:DEAF:2 65.535 | /64 | 3FFF:5801:DEAF:2 1 |