

- Master network : 150.100.120.0/19
- New network : 150.100.120.0/22
- Subnet Mask : /22 : 255.255.252.0
- Gap between subnet : $G = 256 - 252 = 4.0$

first subnet : 150.100.120.0/22

Second subnet : 150.100.124.0/22

Third subnet : 150.100.128.0/22

fourth subnet : 150.100.132.0/22

fifth subnet : 150.100.136.0/22

Sixth subnet : 150.100.140.0/22

Router 1 : g0/0 : 150.100.120.1/22

g0/1 : 150.100.124.1/22

g0/2 : 150.100.128.1/22

Router 2 : g0/1 : 150.100.128.2/22

g0/2 : 150.100.136.1/22

Router 3 : g0/2 : 150.100.124.2/22

g0/1 : 150.100.132.1/22

Router 4 : g0/0 : 150.100.140.1/22

g0/1 : 150.100.136.2/22

g0/2 : 150.100.132.2/22