CIDR : 172.16.0.**0/24**

0 - 32

2 ^ 0 to 2 ^ 32

2 ^ 32 – 2^ 24 = 2 ^ 8 = 256

0 – 255 ( 256 ) = 2 ^ 8

256 / 4 = 64 = 2 ^ 6

Public\_A 🡺 0 - 63 ( Start 172.16.0.0 End 172.16.0.63 ) ( 5 IP’s Starting 4 IP’s and Last IP )

2 ^ 32 – 2 ^ 6 = 2 ^ 26

Public\_B 🡺 64 - 127 ( Start 172.16.0.64 End 172.16.0.127 ) ( 5 IP’s Starting 4 IP’s and Last IP )

Private\_A 🡺 128 - 191 (Start 172.16.0.128 End 172.16.0.192) ( 5 IP’s Starting 4 IP’s and Last IP )

Private\_B 🡺 192 - 255 (Start 172.16.0.192 End 172.16.0.255) ( 5 IP’s Starting 4 IP’s and Last IP )