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1 a. default subnet mask : 255.255.255.0

b. Network Address : 192.168.100.0

c. broadcast address : 192.168.100.255

d. jumlah device : 254

2 a. prefix : /29

111111000

subnet mask : 255.255.255.248

b. jumlah device di setiap jaringan setelah dibagi menjadi 32 subnetwork adalah: 256 / 32 = 8 - 2 = 6

c. I. Na PC A : 192.168.100.8

Na PC B : 192.168.100.16

Na PC C : 192.168.100.40

Na PC D : 192.168.100.56

Na PC E : 192.168.100.64

Na PC F : 192.168.100.80

Na PC G : 192.168.100.224

Na PC H : 192.168.100.248

Na PC J : 192.168.100.248

II. Ba PC A : 192.168.100.15

Ba PC B : 192.168.100.23

Ba PC C : 192.168.100.47

Ba PC D : 192.168.100.63

Ba PC E : 192.168.100.71

Ba PC F : 192.168.100.87

Ba PC G : 192.168.100.231

Ba PC H : 192.168.100.255

Ba PC J : 192.168.100.255

III. Gate PC A : 192.168.100.9

Gate PC B : 192.168.100.17

Gate PC C : 192.168.100.41

Gate PC D : 192.168.100.57

Gate PC E : 192.168.100.65

Gate PC F : 192.168.100.81

Gate PC G : 192.168.100.225

Gate PC H : 192.168.100.249

Gate PC J : 192.168.100.249

d. 