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Group: I3-GIC-C

Assignment TPO3 VLSM subnetting

Lecturer: HOK TINU

1 220.10.10.0/24

60 hosts

28 hosts

Given: 60 hosts
60 hosts < 2^6 host bits

220.10.10.0/26

BA: 220.10.10.63

Given: 28 hosts
28 hosts < 2^5 host bits

220.10.10.64/27

BA: 220.10.10.95

2. 192.168.16.0 /24

+ စီမံကိန်း: 120 hosts

120 hosts $\leq 2^7$ host bits

192.168.16.0 /25

BA: 192.168.16.127

+ စီမံကိန်း: 60 hosts

60 hosts $\leq 2^6$ host bits

192.168.16.128/26

BA: 192.168.16.191

+ စီမံကိန်း: 20 hosts

20 hosts $\leq 2^5$ host bits

192.168.16.192/27

BA: 192.168.16.223

+ စီမံကိန်း: 4 hosts

4 hosts $\leq 2^2$ host bits

192.168.16.224/30

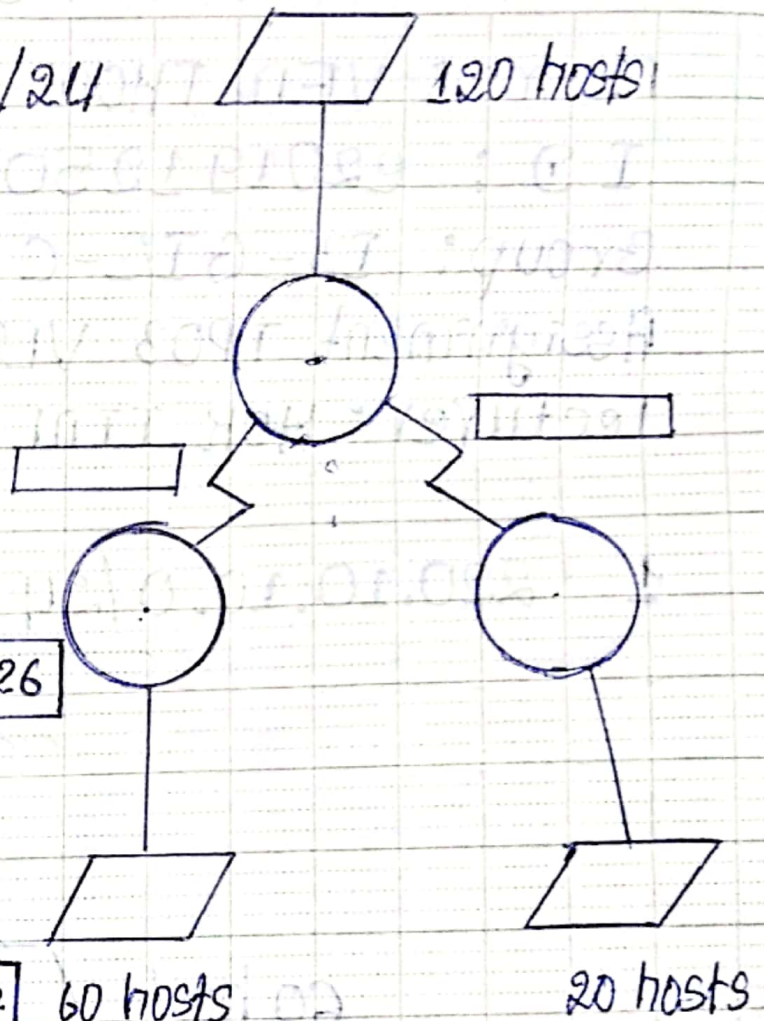
BA: 192.168.16.227

+ စီမံကိန်း: 4 hosts

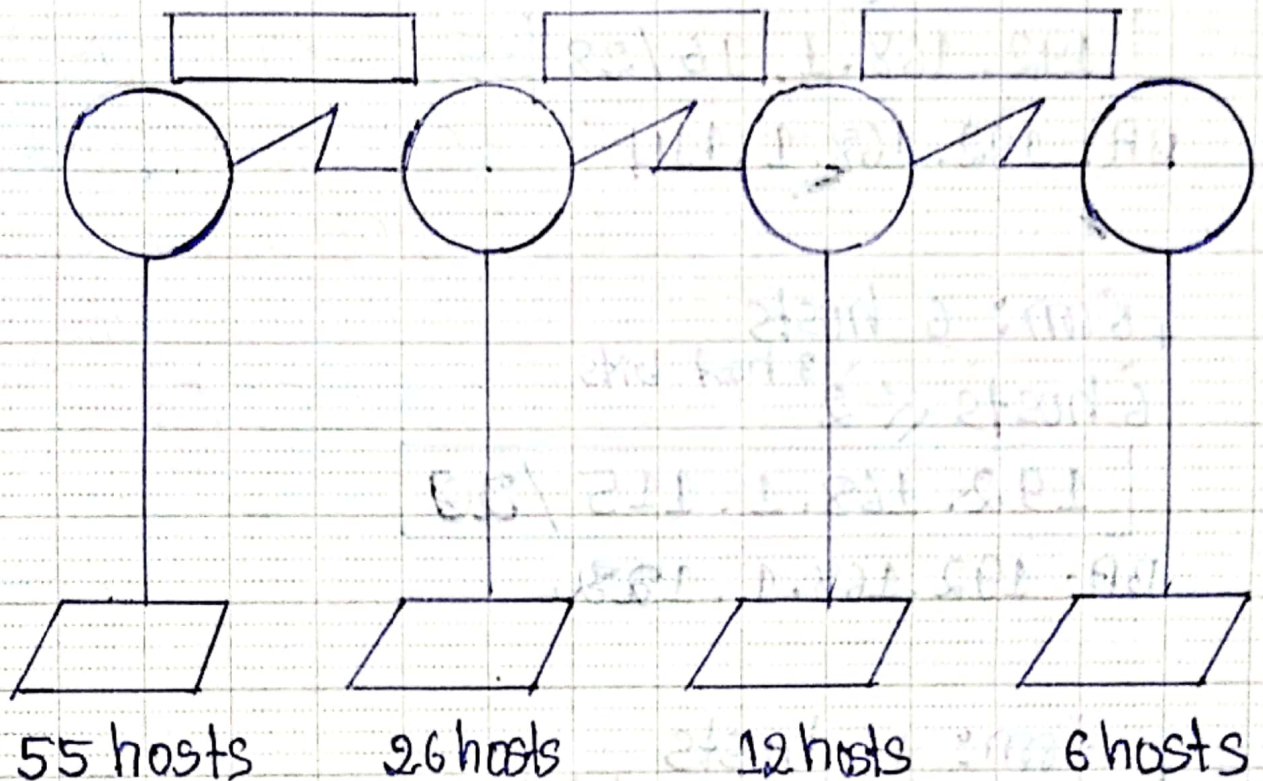
4 hosts $\leq 2^2$ host bits

192.168.16.228/30

BA: 192.168.16.231



3. 192.168.1.0 /24



+ 55 hosts
 55 hosts $\leq 2^6$ host bits

192.168.1.0 /26

BA: 192.168.1.63

+ 26 hosts
 26 hosts $\leq 2^5$ host bits

192.168.1.64 /27

BA: 192.168.1.95

→ ចំណាត់: 12 hosts
12 hosts $\leq 2^4$ host bits

192.168.1.96 / 28

BA: 192.168.1.111

→ ចំណាត់: 6 hosts
6 hosts $\leq 2^3$ host bits

192.168.1.112 / 29

BA: 192.168.1.119

→ ចំណាត់: 4 hosts
4 hosts $\leq 2^2$ host bits

192.168.1.120 / 30

BA: 192.168.1.123

→ ចំណាត់: 4 host
4 host $\leq 2^2$ host bits

192.168.1.124 / 30

BA: 192.168.1.127

+ ចំណុះ 4 hosts
4 hosts < 2 host bits

192.168.1.128/30

BA: 192.168.1.131