Class A N.H.H.H
Class B N.N.H.H
Class C N.N.N.H

7 departman 7 ayrı LAN ~300 host/departman

7 unique Network ID

148.37.0.0/16 → 1 Network, 2^16 - 2 ~ 65534 host

10010100.00100101.00000000.00000000 → IANA

10010100.00100101.00000000.00000000 148.37.0.0
10010100.00100101.00010000.00000000 148.37.16.0
10010100.00100101.00100000.00000000 148.37.32.0
10010100.00100101.00110000.00000000 148.37.48.0
10010100.00100101.01000000.00000000 148.37.64.0

10010100.00100101.0101**0000.00000000** 148.37.80.0
10010100.00100101.0110**0000.00000000** 148.37.96.0
10010100.00100101.0111**0000.00000000** 148.37.112.0
10010100.00100101.1000**0000.00000000** 148.37.128.0
10010100.00100101.1001**0000.00000000** 148.37.144.0

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10010100.00100101.<u>1111</u>**0000.00000000** 148.37.240.0

LAN-1
10010100.00100101.0001**0000.00000000** 148.37.16.0 **/Reserved**
10010100.00100101.0001**0000.00000001** 148.37.16.1
10010100.00100101.0001**0000.00000010** 148.37.16.2
10010100.00100101.0001**0000.00000011** 148.37.16.3
10010100.00100101.0001**0000.00000100** 148.37.16.4

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10010100.00100101.0001 0000.11111111 148.37.16.255
10010100.00100101.0001 0001.00000000 148.37.17.0
10010100.00100101.0001 0001.00000001 148.37.17.1
10010100.00100101.0001 0001.00000010 148.37.17.2
10010100.00100101.0001 0001.00000011 148.37.17.3
.
.
.
10010100.00100101.0001 0001.00101100 148.37.17.44
10010100.00100101.0001 1111.11111111 148.37.31.255/Reserved
                                                        b/c

LAN-2
10010100.00100101.0010 0000.00000000 148.37.32.0
10010100.00100101.0010 0000.00000001 148.37.32.1
10010100.00100101.0010 0000.00000010 148.37.32.2
10010100.00100101.0010 0000.00000011 148.37.32.3
..
10010100.00100101.0010 0000.11111111 148.37.32.255

10010100.00100101.00100001.00000000 148.37.33.0
..
10010100.00100101.00100001.00101100 148.37.33.44
10010100.00100101.00101111.11111111 148.37.47.255 / b/c

148.37.52.45 - 255.255.240.0

Subnet mask -->

11111111.11111111.11110000.00000000 255.255.240.0

148.37.52.45 - 255.255.240.0

10010100.00100101.00110100.00101101 - IP Adresi
11111111.11111111.11110000.00000000 - Subnet mask

10010100.00100101.00110000.00000000 - 148.37.48.0 - Network

T T : T
T F : F
F T : F
F F : F

CIDR: Classless Inter-Domain Routing

148.37.52.45/20
148.37.52.45 - 255.255.240.0

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10.0.0.0/16

10.0.0.0/18

10.0.0.0/8
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