MAC address table

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JOPC2 MAC-2	Port
Pc1 Sw1	1
$MAC-1 \qquad \sqrt{3} \qquad \qquad $	2
Pi3 MAC-3	3

MAC

MAC-1

MAC-2

PC1 -> pc2

```
7:21PM

15.137.14.128

15.137.14.128

Network -> 15.137.14.128

Sroadrast -> 15.137.14.128

First host -> 15.137.14.129

Last host -> 15.137.14.254
```

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```
NET WORK \rightarrow 10.0.0.0

NET WORK \rightarrow 10.0.0.0

NET WORK \rightarrow 10.0.0.0

NET WORK \rightarrow 10.0.0.1.255

Strondingst \rightarrow 10.0.0.1.255

First Rost \rightarrow 10.0.0.1

Last Rost \rightarrow 10.0.1.254
```

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192.168.5.1 /30 => Network -> 192.168.5.0 Broadcast -> 192.168.5.3 >> First Rost -> 192.168.5.1 >> Last Rost -> 192.168.5.2

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Class B: $10 \times \times \times \times \times \times \longrightarrow 128 \div 191 / 16$ 150.24.3.197 (B)Class C: $110 \times \times \times \times \times \longrightarrow 192 \div 223 / 24$ 193.24.3.197 (C)

15.0.0.0 /8

(Pass & ul iii)

15.0.0 0 /24 classless

Private addresses:

10.0.0.0; 10.255.255.255 (A)

172.16.0.0 ÷ 172.31.255.255 (B)

192.168.0.0 ÷ 192.168.255.255(C)

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->others... 10.0.0.0 /16 10.2.0.0/16 10.3.0,0/16

Requirements:

-> 5 submets -> max Rosts per subnet

8190 hosts per subnet → 10.1. 128.0 |19