6IP

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[ ]:

ipv6 uses 128 bit

8 groups of 4 hexadecimal digits

1 hexadecimal digit=== 4 bits
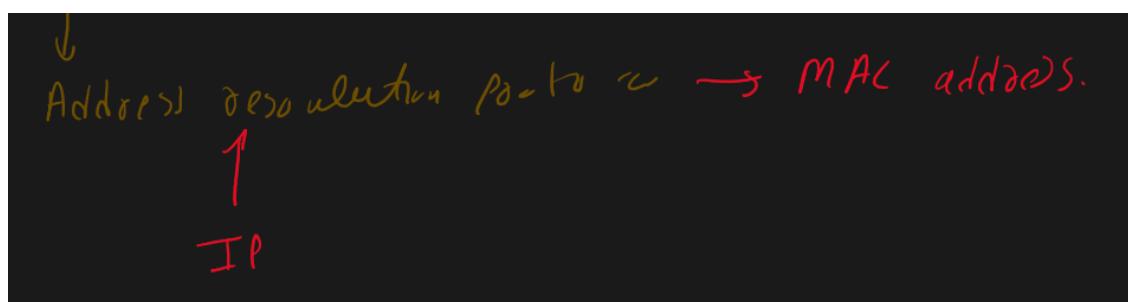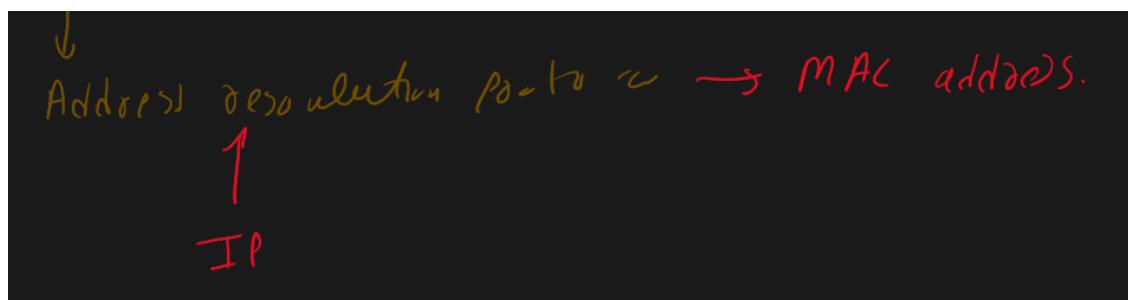
1 hexadecimal digit=== 4 bits 4 hexadecimal digit=== 16 bits
8 groups of 4 hexadecimal digit== 128 bits

0-e=== 2^16

network id+ host id

ip addresses are divided into 5 classes

1 Firewall

Address resolution protocol → MAC address.
↑
IP

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↑
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