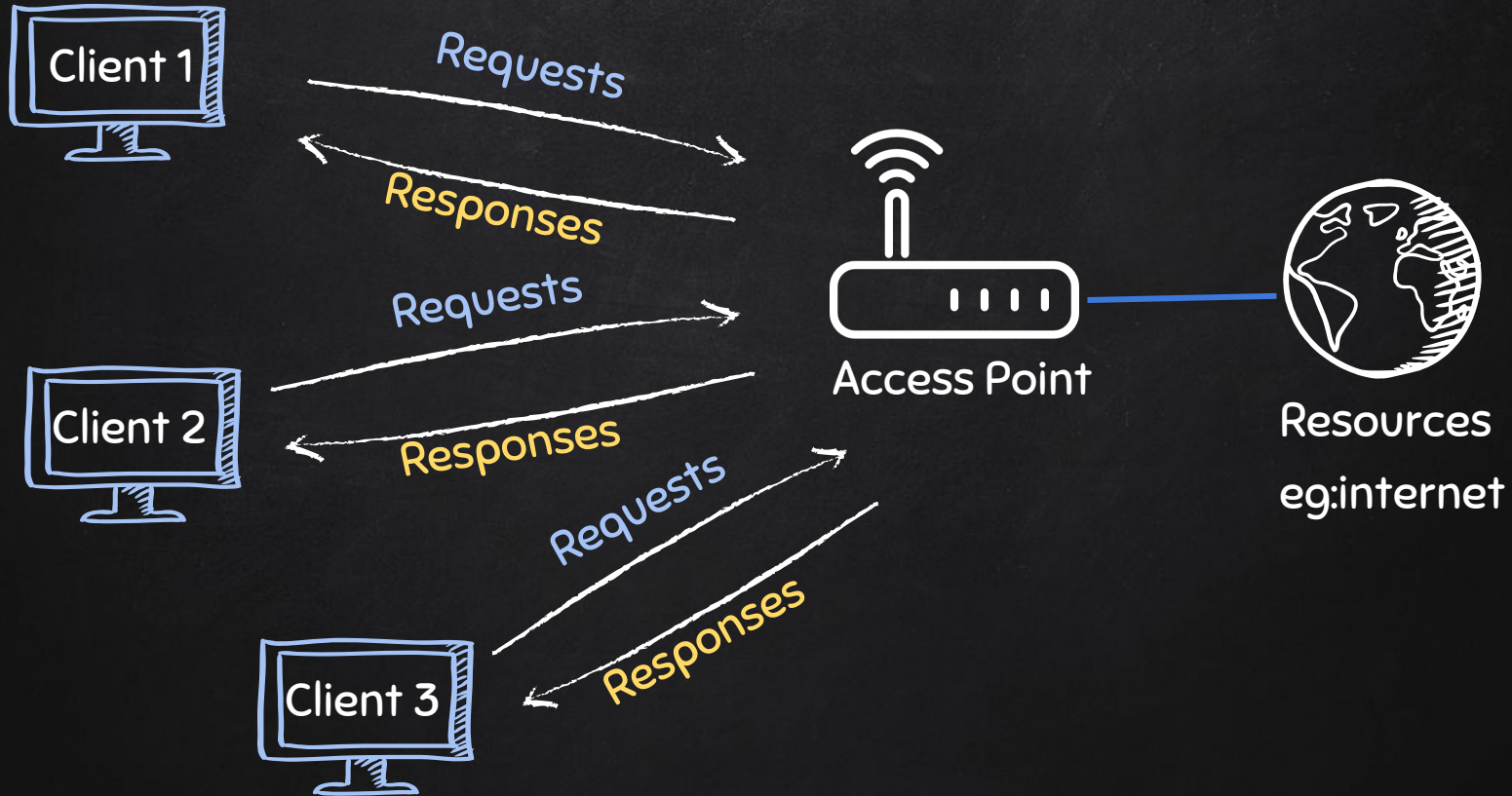
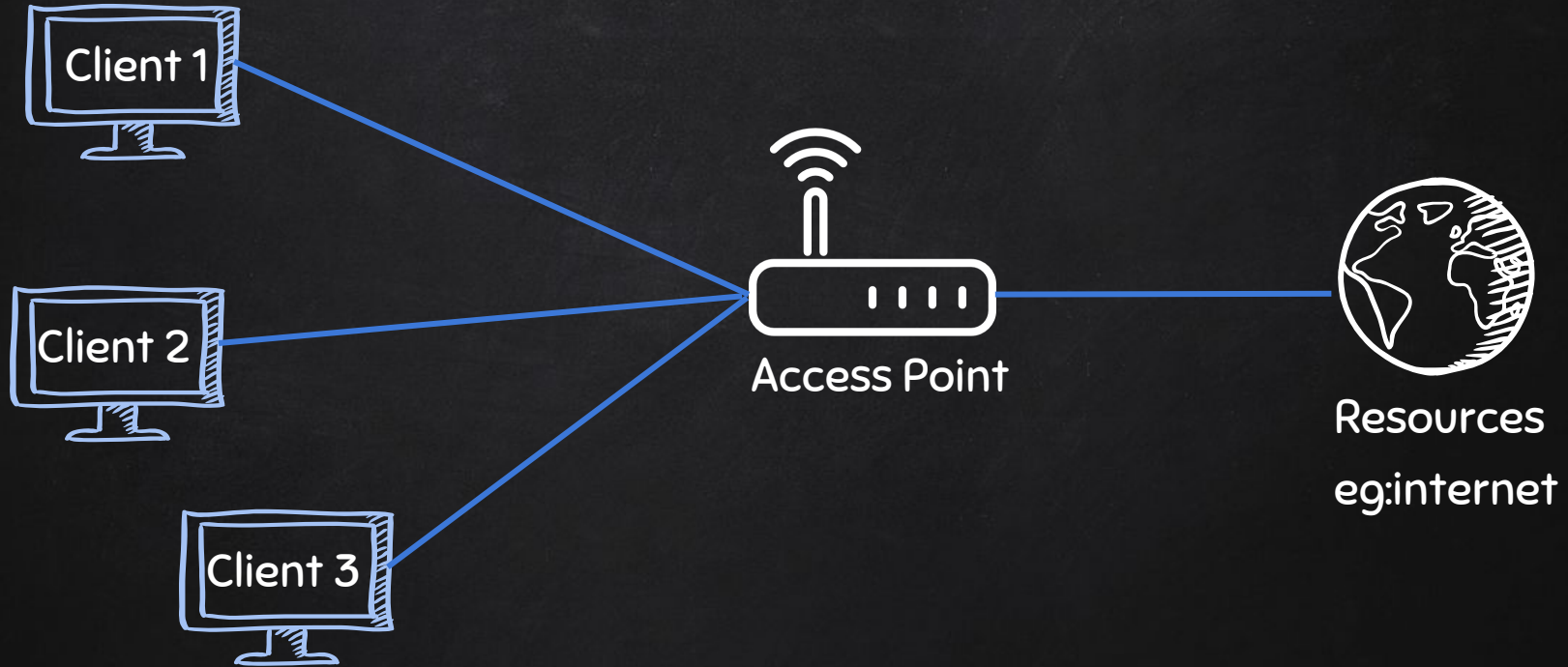


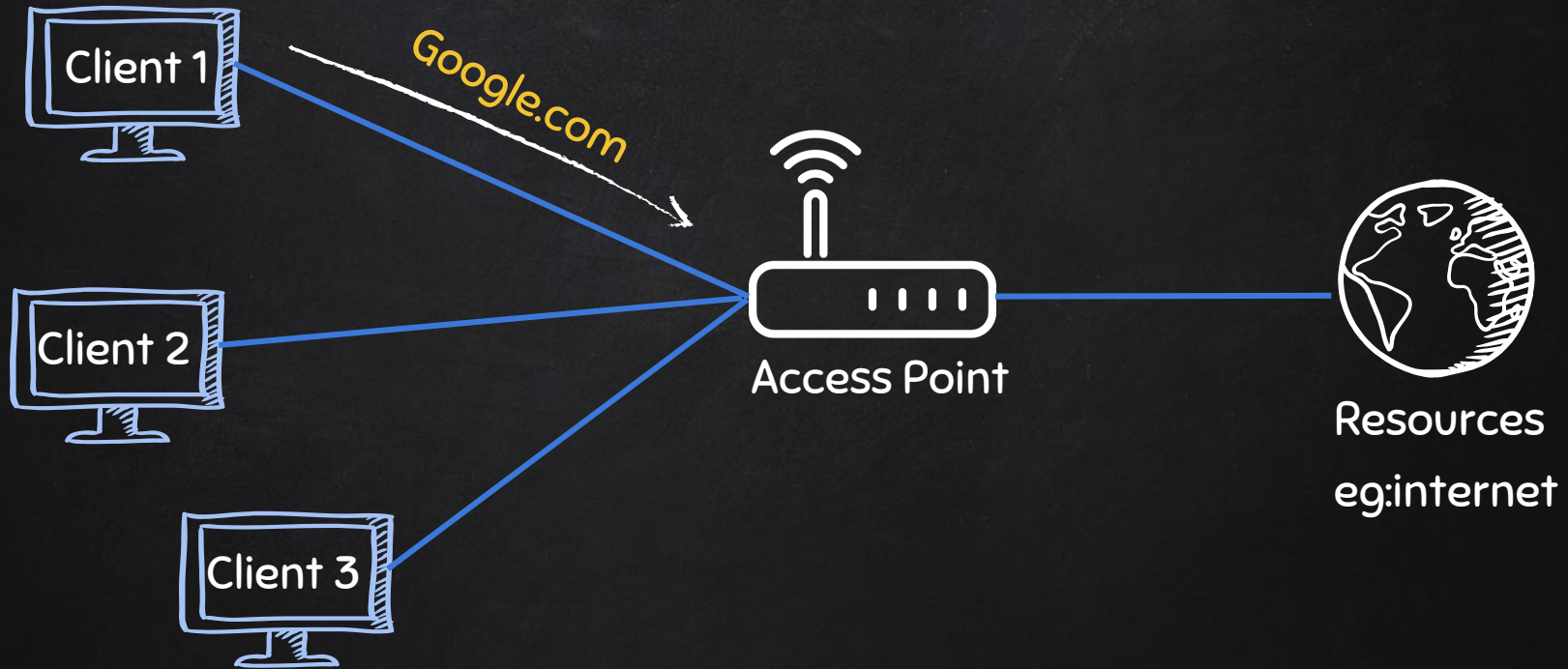
TYPICAL NETWORK



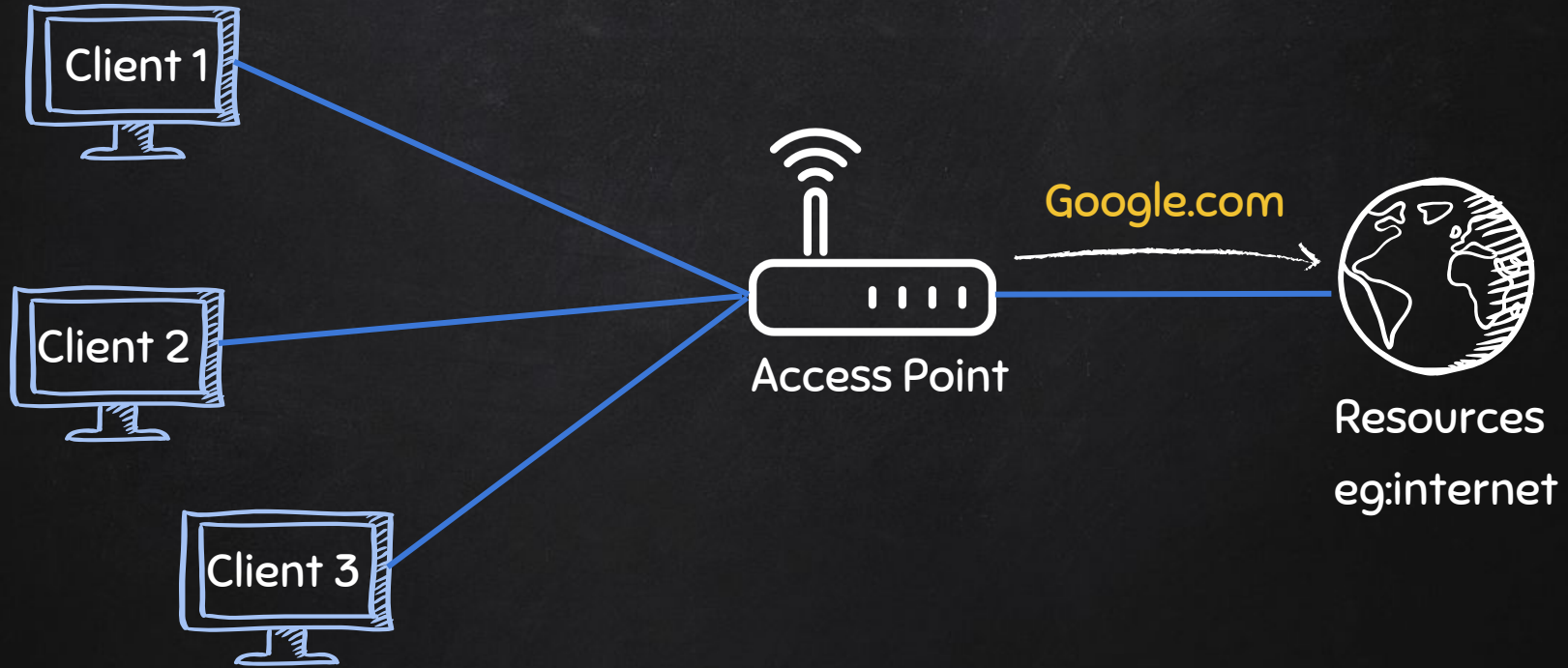
TYPICAL NETWORK



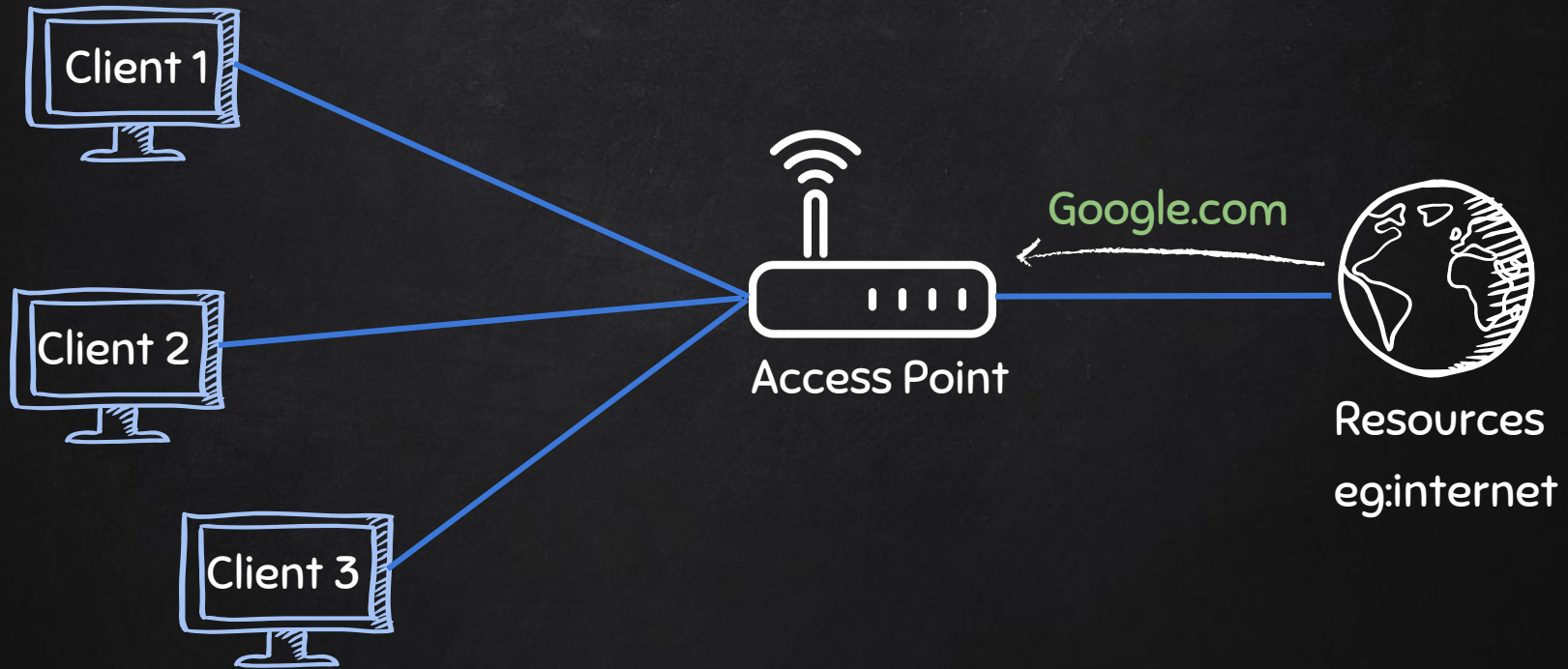
TYPICAL NETWORK



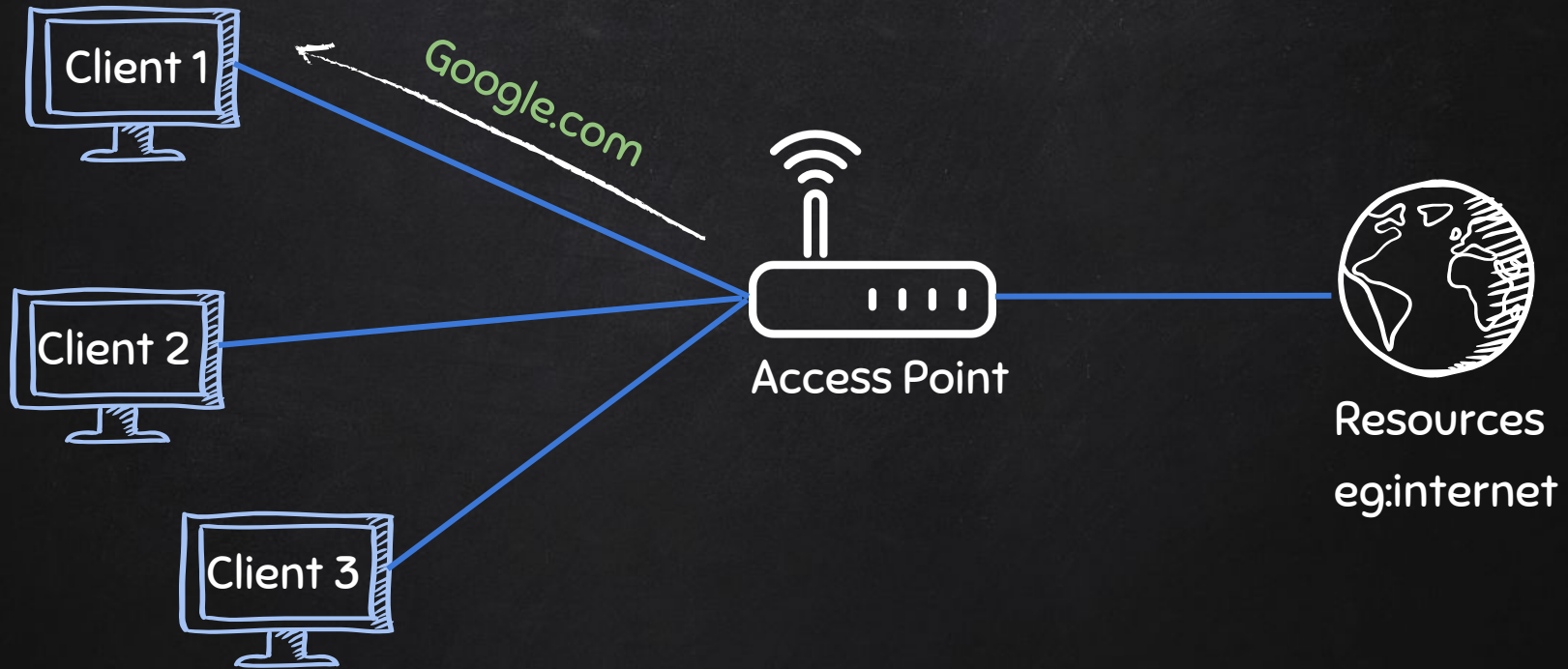
TYPICAL NETWORK



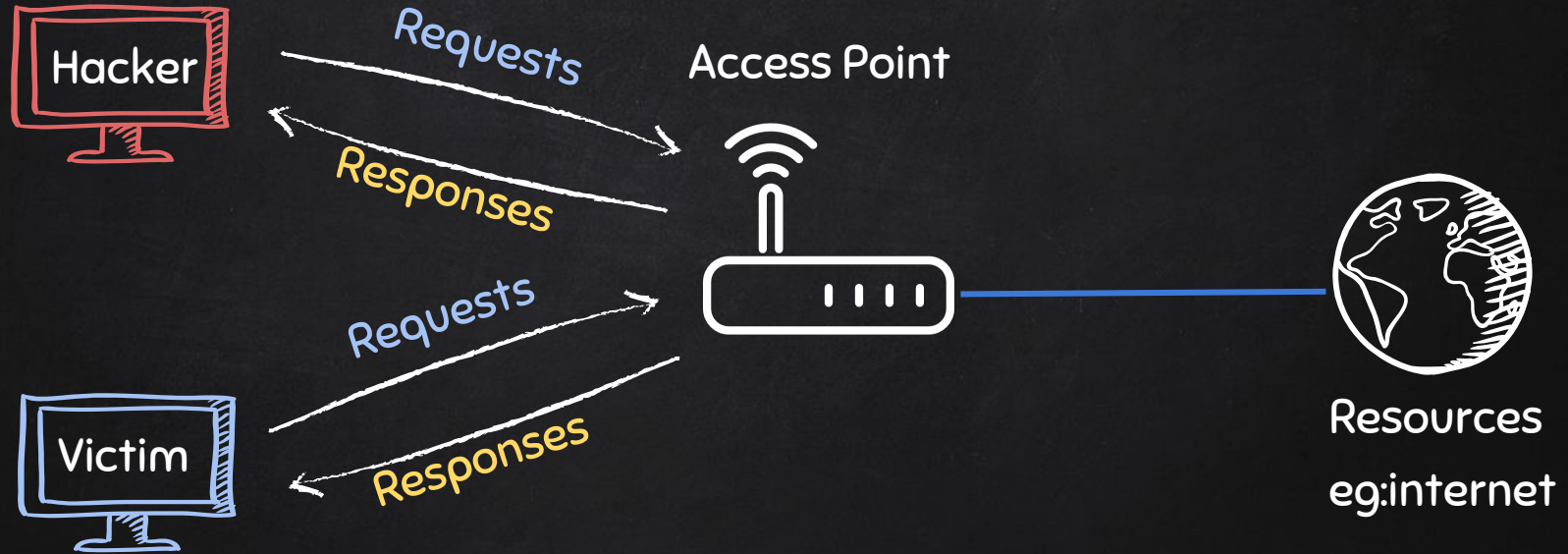
TYPICAL NETWORK



TYPICAL NETWORK



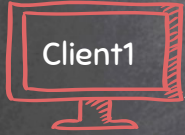
TYPICAL NETWORK



WHY CHANGE THE MAC ADDRESS?

1. Increase **anonymity**.
2. **Impersonate** other devices.
3. **Bypass** filters.

Source Mac: 00:11:11:11:11:11
Destination Mac: 00:22:22:22:22:22



Access Point

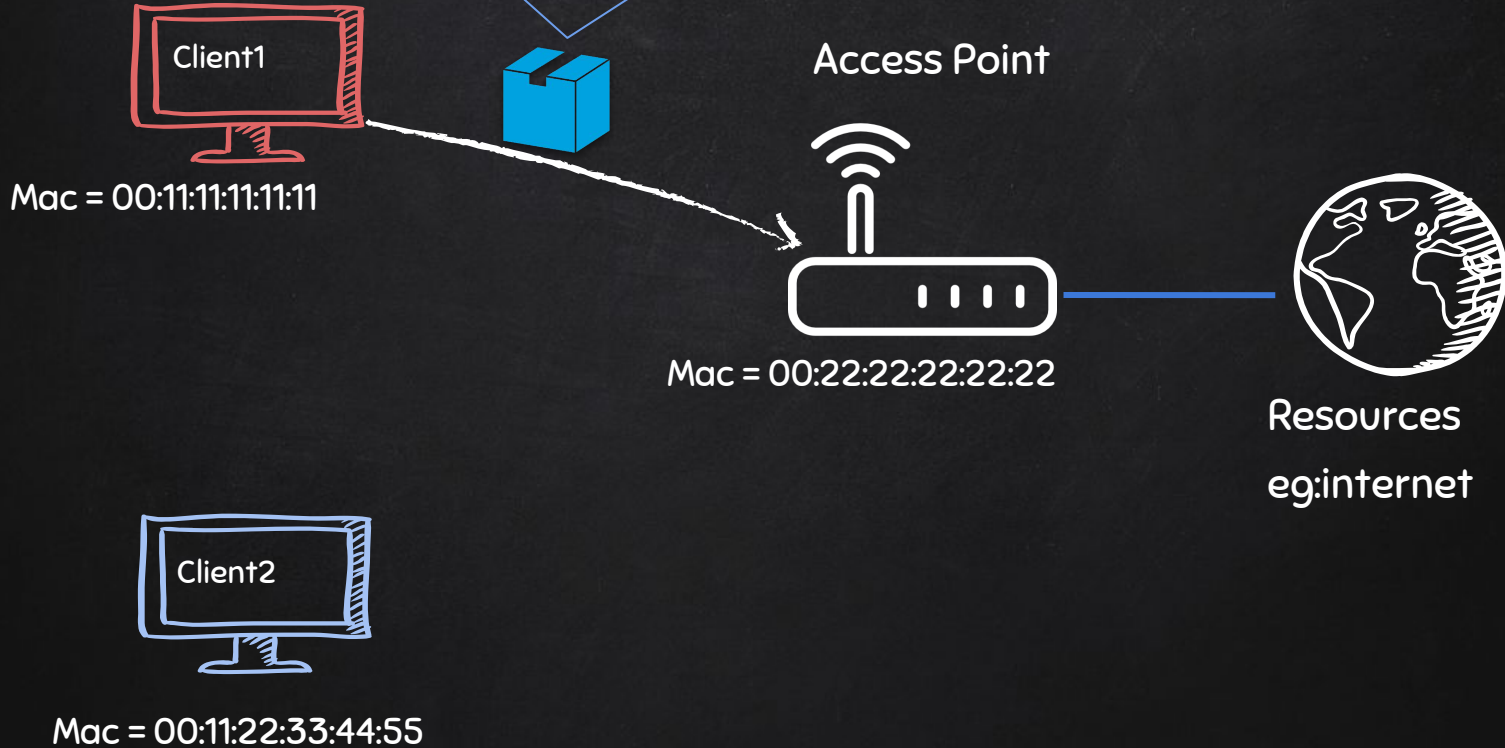


Resources
eg: internet



Mac = 00:11:22:33:44:55

Source Mac: 00:11:11:11:11:11
Destination Mac: 00:22:22:22:22:22



PACKET SNIFFING

USING AIRODUMP-NG

- Part of the aircrack-ng suit.
- Airodump-ng is a packet sniffer;
- Used to capture all packets within range.
- Display detailed info about networks around us.
- Connected clientsetc

Use:

`airodump-ng [MonitorModeInterface]`



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DEAUTHENTICATION ATTACK



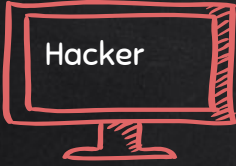
→ Disconnect **any** client from **any** network

- Works on encrypted networks (WEP, WPA & WPA2).
- No need to know the network key.
- No need to connect to the network.

Use:

```
aireplay-ng --deauth [#DeauthPackets] -a [NetworkMac] -c [TargetMac] [Interface]
```


Source Mac: 00:11:22:33:44:55
Destination Mac: 00:22:22:22:22:22
Message: I want to disconnect



Mac = 00:11:11:11:11:11



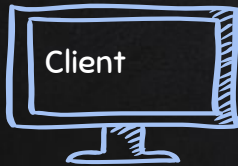
Access Point



Mac = 00:22:22:22:22:22



Resources
eg: internet



Mac = 00:11:22:33:44:55

