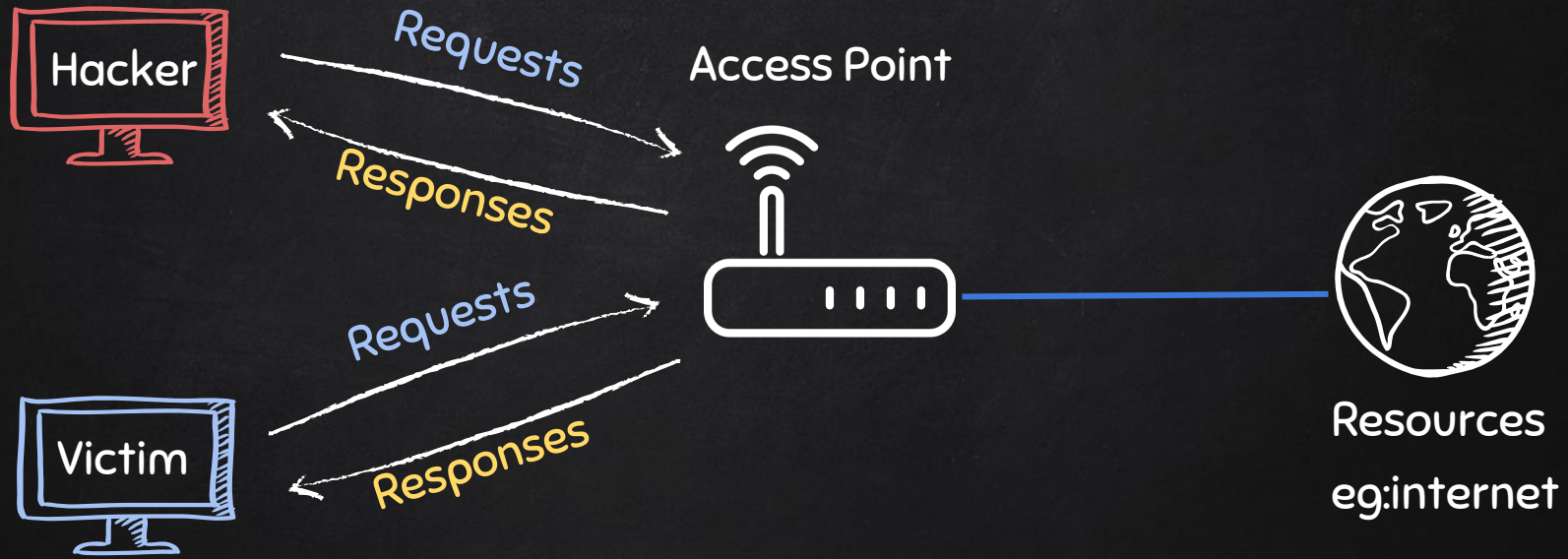
# Typical Network



# ARP Spoofing

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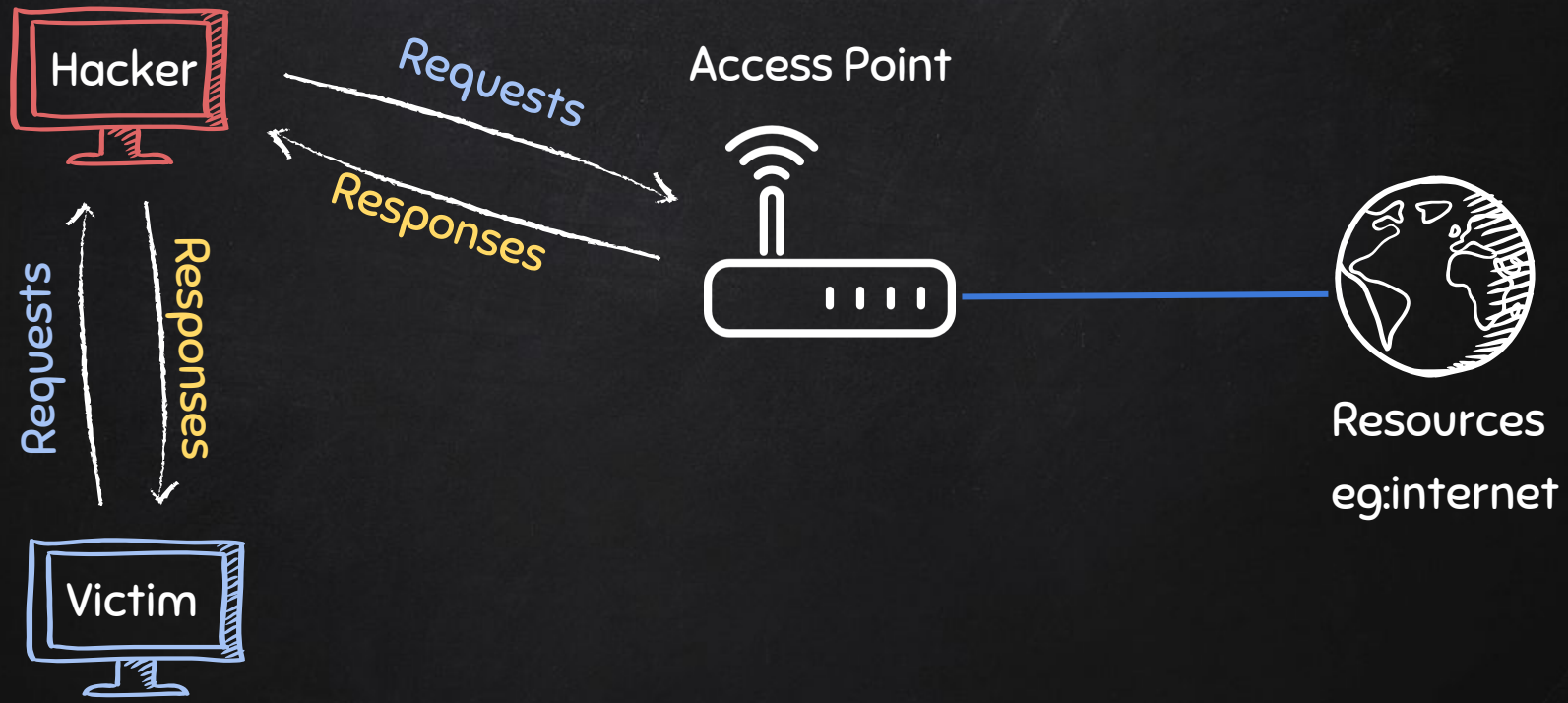
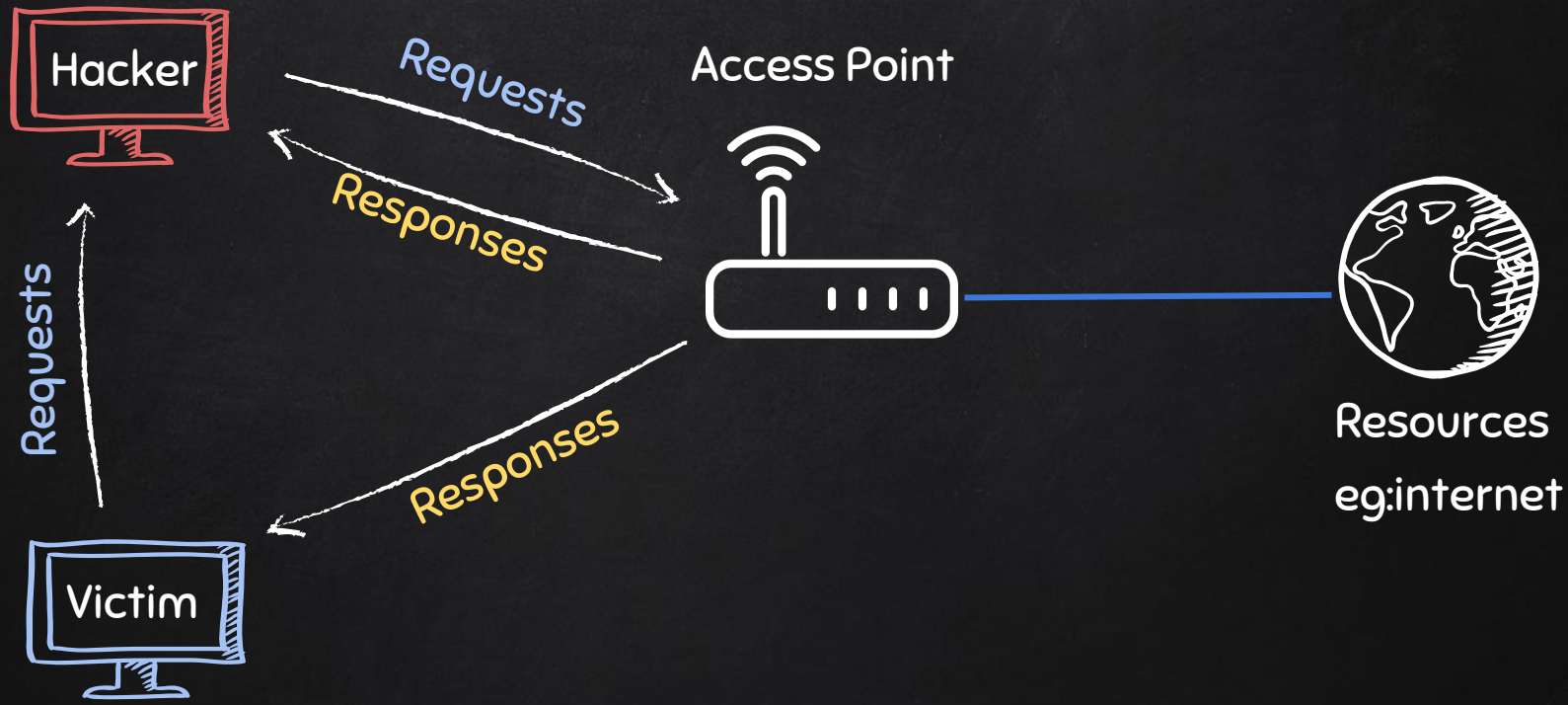
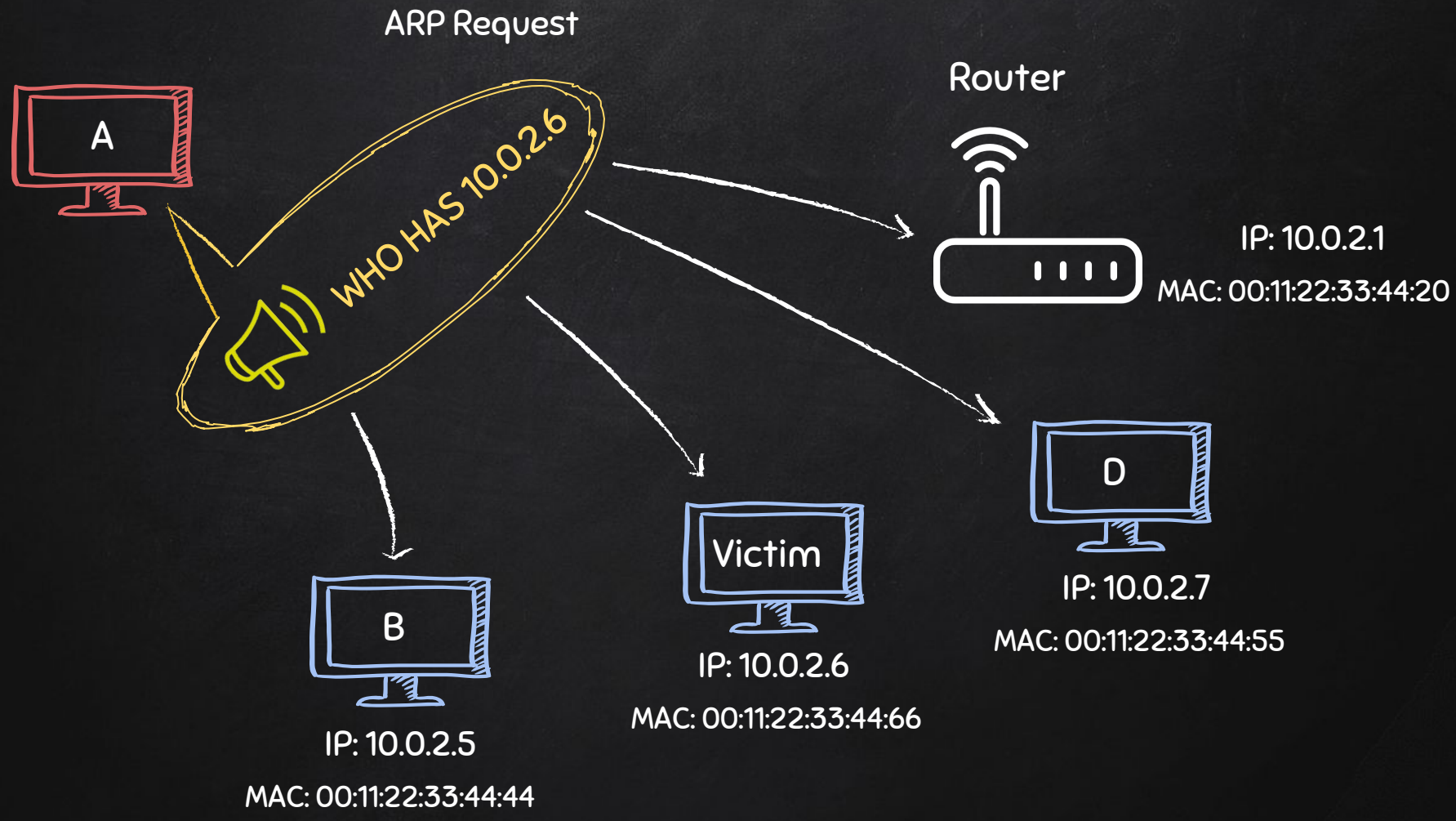
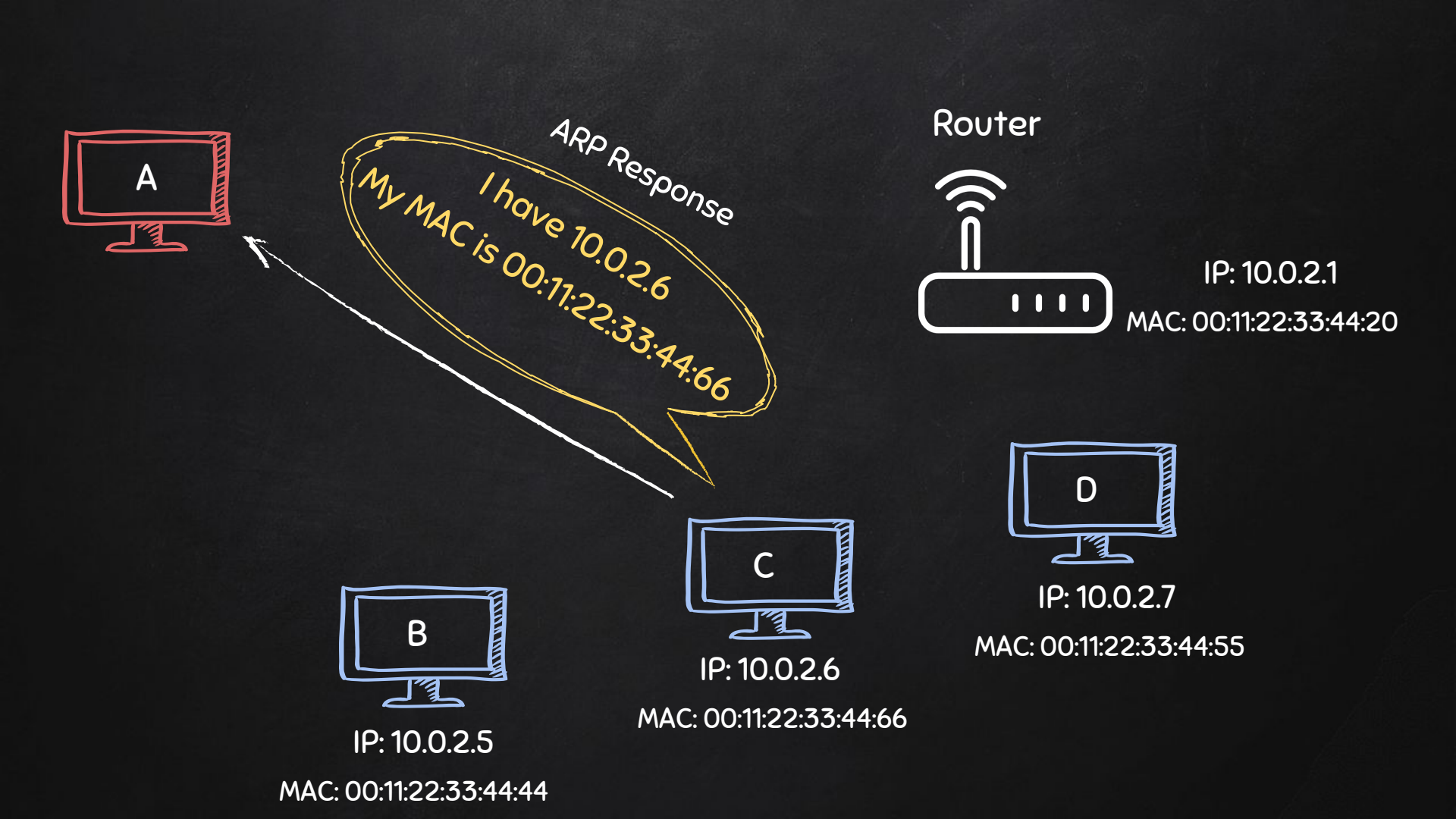


# One Way ARP Spoofing




ARP Request
A
WHO HAS 10.0.2.6
Router
IP: 10.0.2.1
MAC: 00:11:22:33:44:20
B
IP: 10.0.2.5
MAC: 00:11:22:33:44:44
Victim
IP: 10.0.2.6
MAC: 00:11:22:33:44:66
D
IP: 10.0.2.7
MAC: 00:11:22:33:44:55


A
ARP Response
I have 10.0.2.6
My MAC is 00:11:22:33:44:66
Router
IP: 10.0.2.1
MAC: 00:11:22:33:44:20
D
IP: 10.0.2.7
MAC: 00:11:22:33:44:55
C
IP: 10.0.2.6
MAC: 00:11:22:33:44:66
B
IP: 10.0.2.5
MAC: 00:11:22:33:44:44

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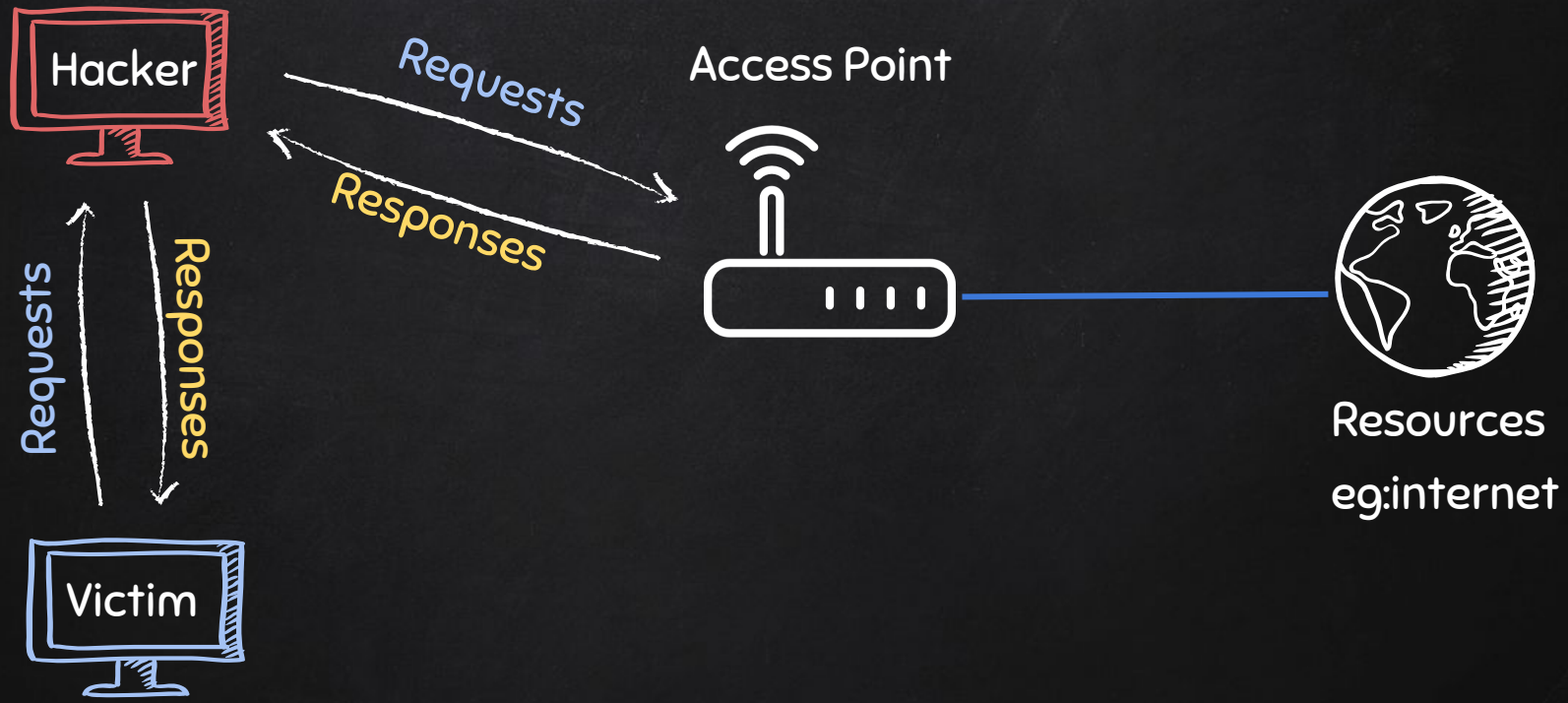
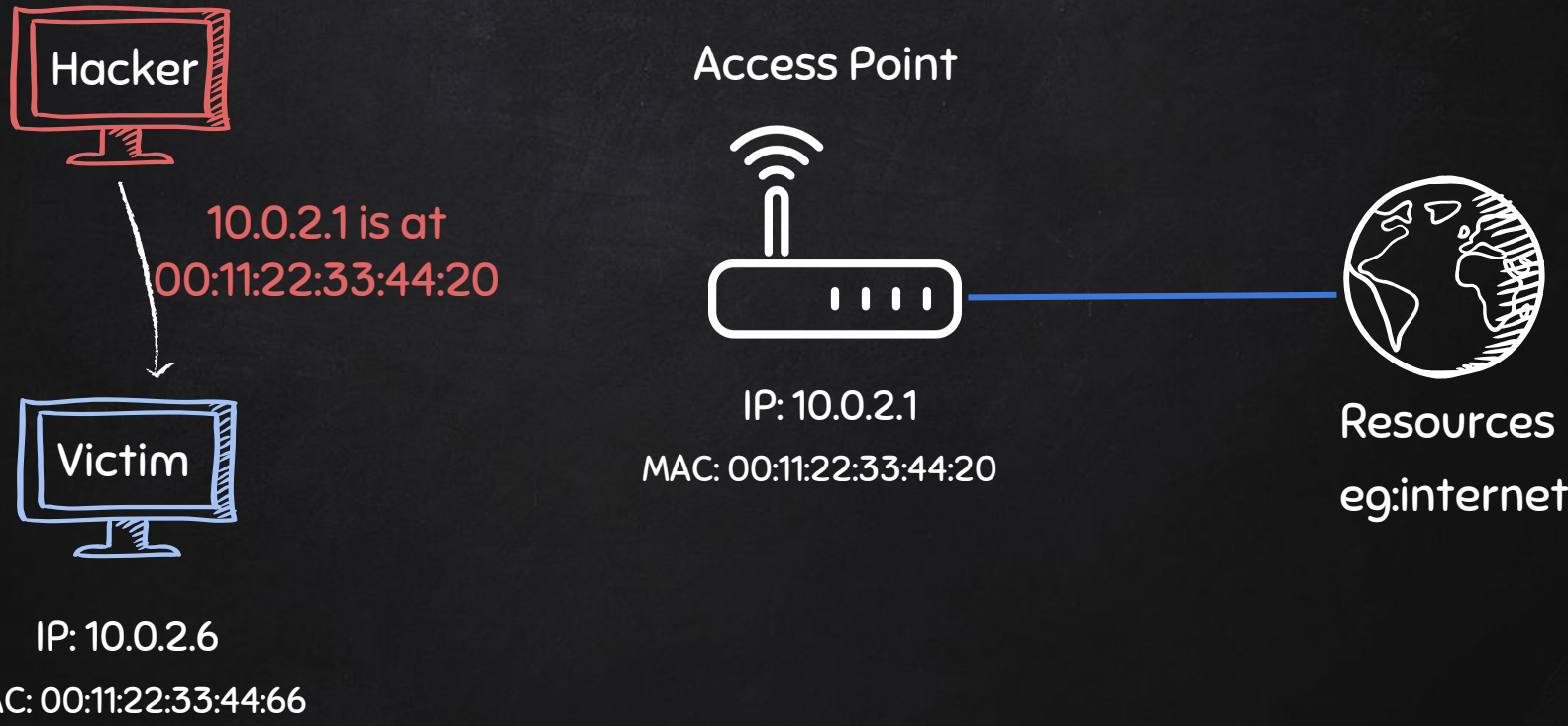


# Restoring Network Traffic



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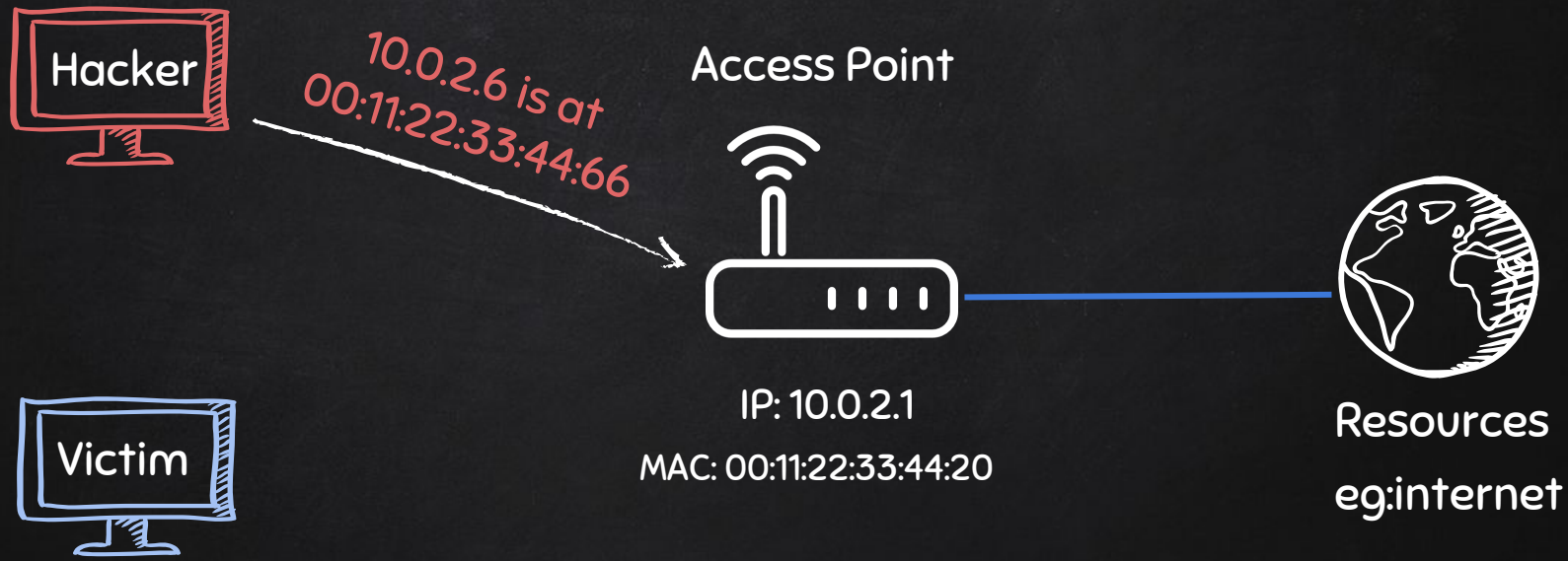

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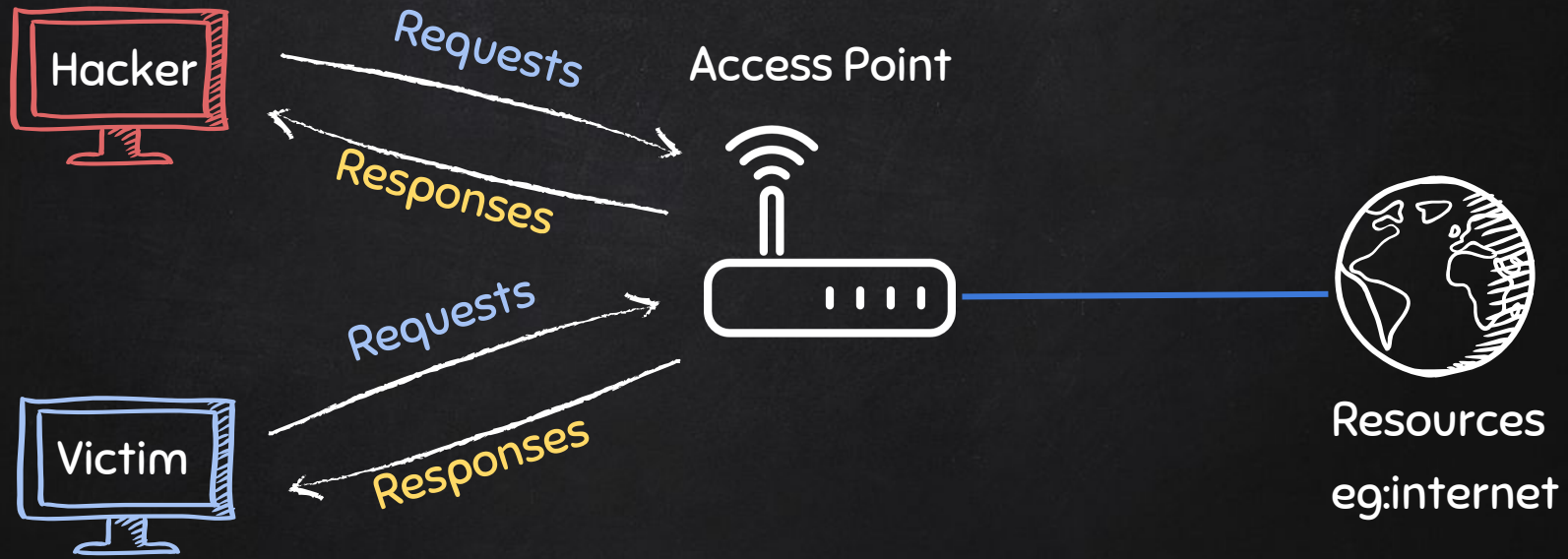

# Handling Exceptions

- try/except can be used to handle errors.
- Write default code in try block.
- Write code to run if error occurs in except block.

→ if error occurs exception block gets executed, otherwise try code gets executed.

Syntax:

```
Try:
    #Default code to run
Except [exception type]:
    #Code to run when exception/error occurs
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