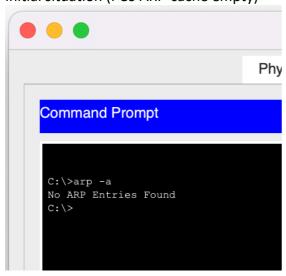
## ARP-Demonstration

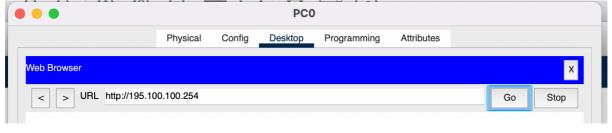
This document contains screen clips that demonstrate address resolution protocol (API).

# Phase 1 Initial situation (PCO ARP-cache empty)

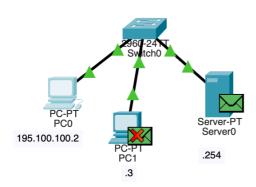


User tries to connect to server whose address is 195.100.100.254.

ARP that is between IP and Ethernet must try to resolve that mac-address of computer that have address 195.100.100.254. Otherwise, the IP-packet can't be sent inside Ethernet.



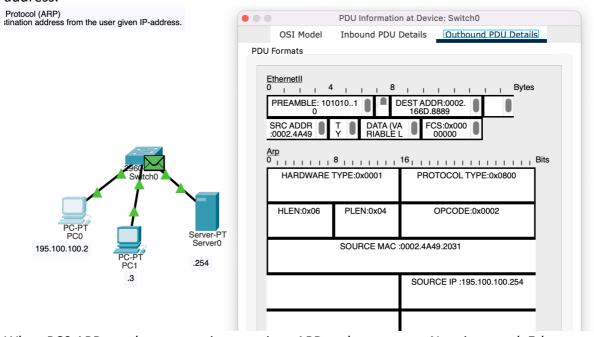
### Phase 2,3



All computers must read the frame containing the question and give it to their ARP. The computer's whose IP-address is not the one mentioned in question just delete after analyzing it.

#### Phase 4

Server (195.100.100.254) sends ARP-answer to PCO. The answer contains server's MAC-address.



When PCO APR get the answer, it stores it to APR cache memory. Now it can ask Ethernet to send the IP-packet to server because it can tell Ethernet the correct destination MAC-address.

### Final situation

