IMMERSIVE LEARNING ENVIRONMENT

LAB: ARP CACHE POISONING

LEARNING OBJECTIVE

The objective of this lab is for students to gain knowledge on ARP cache poisoning.

DESCRIPTION

The address resolution protocol (ARP) is a protocol used by the Internet Protocol (IP), specifically IPv4, to map IP network addresses to the hardware addresses used by a data link protocol.

Address Resolution Protocol (ARP) poisoning is when an attacker sends falsified ARP messages over a local area network (LAN) to link an attacker's MAC address with the IP address of a legitimate computer or server on the network. Once the attacker's MAC address is linked to an authentic IP address, the attacker can receive any messages directed to the legitimate MAC address. As a result, the attacker can intercept, modify or block communicates to the legitimate MAC address.

COMPONENT SECTIONS

- Game file/folder name: ARP Poison Game
- Movie file name: ARP Poison Movie
- Power Point file name: ARP poisoning.ppt
- Assessment file name: ARP poisoning Quiz.doc

WHAT TO SUBMIT

Submit the quiz document by answering all the questions.