Brute Me – CTF Challenge Overview:-

Platform: VulnHub **Difficulty**: Easy-Medium

Type: Capture the Flag (CTF) – Boot2Root

Objective: Gain root access by exploiting vulnerabilities through enumeration, brute force,

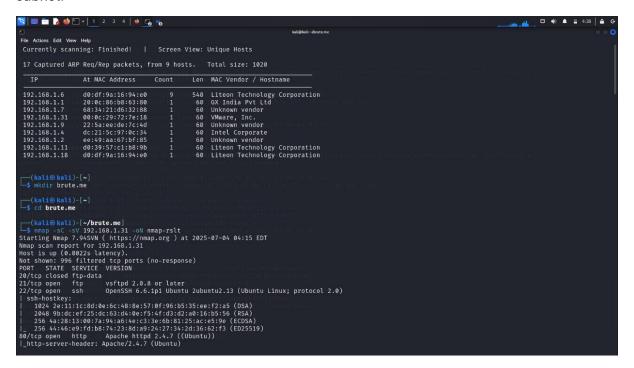
and privilege escalation.

Step-1:-

A lightweight network reconnaissance tool commonly used to identify active hosts in a network.

It's Netdiscover is a simple tool, particularly useful in Local Area Networks (LANs). It works by sending

ARP (Address Resolution Protocol) requests and listens for ARP replies to map live systems in a subnet.



Step-2:-

Nmap is a powerful, open-source tool used for network discovery and security auditing. It is widely used by

network administrators and penetration testers to map networks, identify devices, scan for open ports, and detect vulnerabilities.

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Step-3:-

FTP is a standard network protocol used to **transfer files** between a **client** and a **server** over a **TCP-based network**, like the Internet.

ftp>dir

Step-4:-

Hydra, also known as **THC-Hydra**, is a powerful and fast **network logon cracker** that supports numerous protocols to perform **brute-force** attacks on login pages and services.

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Step-5:-

sudo ssh Description:-

sudo ssh is a command used in Unix/Linux systems to run the ssh (Secure Shell) client with superuser (root) privileges.

*Breakdown:-

sudo: Allows a permitted user to execute a command as the **superuser** or another user. ssh: Secure Shell client used to connect securely to a remote system over a network.

