

PRACTICAL NO. 6

A. Use Social Engineering Toolkit (SET) on Kali Linux to Perform Social Engineering

Aim

To perform **social engineering attacks** using **Social Engineering Toolkit (SET)** in Kali Linux to understand human-based security vulnerabilities.

Tools / Software Used

- Kali Linux
 - Social Engineering Toolkit (SET)
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Theory

Social Engineering is a technique where attackers manipulate human behavior to gain confidential information such as usernames and passwords.

SET is an open-source framework used to perform various social engineering attacks such as phishing and credential harvesting.

Steps / Procedure

1. Start **Kali Linux**.
2. Open **Terminal**.
3. Type the following command:
4. `setoolkit`
5. Press **Enter** to launch SET.
6. Select **Social-Engineering Attacks**.
7. Choose **Website Attack Vectors**.
8. Select **Credential Harvester Attack Method**.
9. Choose **Site Cloner**.
10. Enter the **IP address of the Kali machine**.
11. Enter the target website URL to clone.
12. Wait for SET to create the phishing page.

13. When victim accesses the page, credentials are captured.
 14. View captured credentials in the terminal.
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Result

Social engineering attack was successfully demonstrated using SET.