

7(B) Perform Session Hijacking using DroidSheep

Aim

To demonstrate session hijacking using DroidSheep on a mobile device.

Tools Used

- DroidSheep Application
- Android Mobile Device
- Public Wi-Fi Network

Theory

DroidSheep is a session hijacking tool that captures unencrypted session cookies over public Wi-Fi networks, allowing attackers to impersonate authenticated users.

Steps / Procedure

Install DroidSheep on a rooted Android device.

Connect the device to a public Wi-Fi network.

Launch the DroidSheep application.

Grant root permissions.

DroidSheep starts sniffing network traffic.

Capture active session cookies from users.

Select a captured session.

Hijack the session to access the victim's account.

Result

Session hijacking was successfully demonstrated using DroidSheep.