

Bettercap Documentation

Introduction

Bettercap is a powerful, modular, and portable network monitoring and attack tool. It supports network sniffing, man-in-the-middle attacks, protocol manipulation, and real-time packet inspection.

Features

- Real-time network traffic interception and manipulation.
- ARP/DNS/ICMP spoofing and sniffing.
- HTTPS downgrade and credential harvesting.
- BLE, Wi-Fi, and HID (keyboard) support.
- Modular scripting via caplets.
- Web-based UI and CLI-based interactions.

Installation

Install Bettercap using:

Linux:

```
sudo apt install bettercap
```

Or from source:

```
go install github.com/bettercap/bettercap@latest
```

Launch with:

```
sudo bettercap -iface wlan0
```

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Usage

Start with:

```
sudo bettercap -iface wlan0
```

Use caplets (scripted modules):

```
net.probe on
```

```
set arp.spoof.targets 192.168.1.5
```

```
arp.spoof on
```

Caplets can be found in `/usr/share/bettercap/caplets` or online.

Disclaimer

Use Bettercap only on networks where you have authorization. Unauthorized MITM attacks are illegal.

Conclusion

Bettercap is an advanced tool for real-time network manipulation and surveillance, making it ideal for penetration testing.