

Hcxdumptool_Hashcat Documentation

Introduction

Hcxdumptool is used to capture handshakes and PMKID hashes from Wi-Fi networks, which are then cracked using Hashcat. Together, they provide a robust WPA/WPA2 auditing suite.

Features

- Captures PMKID and EAPOL handshakes.
- Converts capture files for Hashcat use.
- Hashcat: High-performance password cracking tool.
- Supports GPU acceleration and various hash types.

Installation

Hcxdumptool:

```
git clone https://github.com/ZerBea/hcxdumptool.git
```

Hashcat:

```
sudo apt install hashcat
```

Usage

Hcxdumptool:

```
sudo hcxdumptool -i wlan0mon -o capture.pcapng --enable_status
```

Convert to hashcat format:

```
hcxpcapngtool -o hash.hc22000 capture.pcapng
```

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Crack with hashcat:

```
hashcat -m 22000 hash.hc22000 wordlist.txt
```

Disclaimer

Use these tools only for authorized penetration tests. Unauthorized cracking is illegal.

Conclusion

Hcxdumptool and Hashcat together offer a potent combination for WPA2 penetration testing.