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 - Show Name: CEHV11 (312-50)
 - Topic Name: System Hacking Phases and Attack Techniques - System Hacking
 - Episode Name: Password Attacks: Basic Concepts
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Password Attacks: Basic Concepts

Objectives:

- Define password cracking
 - List and define the common types of password cracking attacks
 - Define and describe the different processes for programmatically attacking encrypted password
 - Review the different non-technical password stealing attacks
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- Password Cracking

- What is password cracking
- Types of password attacks

- Non-Electric/non-Technical

- Techniques

- Shoulder surfing
- Social engineering
- dumpster diving

- Online: ACTIVE

- Techniques

- Dictionary
- Brute-Force
- Rule-Based
- Malware/Spyware
- Guessing/Defaults
- PTH
- Internal Monologue
- LLMNR

- Tools

- Hydra
- Ncrack
- pth-toolkit
- Responder

- Online: PASSIVE

- Techniques

- Packet Sniffing
- MitM
- Replay

- Tools

- Ettercap
- Bettercap
- Wireshark

- Offline
 - Techniques
 - Dictionary
 - Brute-force
 - Rule-Based
 - Rainbow Tables
 - Distributed Network
 - Tools
 - John the Ripper
 - OCL-Hashcat
 - Ophcrack
 - Loftrcrack
 - Cain-and-Able