

- Filename: eccouncil-ceh31250-v11-9-1-1-social-engineering-concepts-and-attacks.md
 - Show Name: CEHV11 (312-50)
 - Topic Name: Network and Perimeter Hacking: Social Engineering
 - Episode Name: Social Engineering Concepts and Attacks
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Social Engineering Concepts and Attacks

Objectives:

- Define Social Engineering
 - Catalog common targets and impact of Social Engineering
 - List and explain the phases of a Social Engineering attack
 - Define the types of Social Engineering
 - List commonly used Social Engineering tools and techniques
 - List defenses and countermeasures to help combat Social Engineering attacks
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- What is SE?
 - Hacking people
 - Getting them to give access to data/info/systems/areas they shouldn't
 - Basically lying to them to prey upon their ignorance and/or fear
- How do successful SE attacks impact organizations?
 - Financially
 - Public trust
 - Legal action
 - Permanent stopping of business
- Common SE targets?
 - Help desk / Workstation support / Tech Support
 - Admins
 - C-Level
 - Really, basically everyone!
- You said that SE was 'hacking people' by lying to them. Can we have more detail about how that works?
 - Framing/Pretexting
 - Negative
 - Authority
 - Force
 - Social Pressure
 - Rarity
 - Urgency
 - Greed
 - Positive
 - Trust
 - Social Acceptance
 - Helpfulness
- What are the Phases of a SE attack?
 - Research target org
 - Select target employee

- Establish and Develop a relationship
- Exploit the Relationship
- SE Types
 - Human SE
 - Piggybacking
 - Tailgating
 - Dumpster diving
 - Elicitation
 - Vishing
 - Impersonation
 - Eavesdropping
 - Shoulder surfing
 - Computer SE
 - Phishing
 - Spear Phishing (specific person or group in an org)
 - Whaling (specific C-levels)
 - Spam
 - Messengers/Chat (aka Spimming)
 - Mobile SE
 - Fake/Malicious Apps
 - Fake Security Apps
 - Legit Apps that have been repackaged
 - SMiShing
- SE Tools
 - SEToolkit
 - ShellPhish
 - King Phisher
 - Phone/Email
- SE countermeasures
 - End-User Security Awareness Training
 - Phishing email
 - Samples from TEAMS
 - Password Policies
 - 2FA/MFA
 - Badges/ID
 - Locks
 - Phishing Tests
 - Proper garbage disposal
 - Visitor check-in