

- Filename: eccouncil-ceh31250-v11-10-1-1-dos-and-ddos-attacks.md
 - Show Name: CEHV11 (312-50)
 - Topic Name: Network and Perimeter Hacking: Denial of Service
 - Episode Name: DoS and DDoS Attacks
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DoS and DDoS Attacks

Objectives:

- Define DoS and DDoS attacks
 - List and explain DoS attack types
 - List and define the different DoS/DDoS categories
 - Identify commonly used DoS/DDoS attack tools for different platforms
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- What is a DoS attack?
- What is the difference between DoS and DDoS? (attack types)
- Common attack techniques?
 - Categories
 - Volumetric (depletion of bandwidth, bits-per-second)
 - Amplification attacks
 - UDP Flood
 - ICMP Flood
 - Ping of Death
 - Smurf
 - Pulse Wave
 - Protocol (packets-per-second)
 - SYN Flood
 - ACK Flood
 - Fragmentation
 - Application Layer (resource starvation, requests-per-second)
 - SlowLoris
 - UDP app-layer flood
 - Multi-Vector
 - Volumetric + Protocol + Application-Layer
 - Permanent DoS
 - Bricking
 - Phlashing
 - Reflective
 - Hides the true source of attack
 - Distributed Reflection DoS or DRDDoS
 - Multiple distributed attacking devices
 - Utilizing Reflective DoS attacks
- DoS/DDoS Tools
 - High/Low Orbit Ion Cannon

- LOIC has mobile version
- hping3
- Metasploit