

Unix System Administration

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Lecture 09

Common Networking Attacks

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Where are We?

- Networking
- Firewalls **and Common Attacks**
- The Domain Name System (DNS)
- Diagnostic Networking Tools

Common Network-based Attacks

- A useful digression on common network-related attacks: why do you care about firewalls?
- People are always the weakest link
- Could be a whole course (and in fact is). Lets just skim the surface.
- For now, let's focus on three things:
 - Buffer overflows
 - Arbitrary code execution
 - DoS and DDoS
 - Saturation
 - Reflection