



CS485 - Ethical Hacking and Network Penetration Testing Foundations

NCX Prep

Team Roles

Leader

- Priorities Missions
- Re-assigns Personnel

Defender

- Fixes vulnerabilities found by attacker
- Primary network analyzer to find attacks

Attacker

- Converts vulnerabilities to scripts
- Manages launcher / submits flags

All Purpose Challenge Solver

Scenarios to Script for Monday

Run Native Commands

- SSH into Beta, escape rbash, get proof.txt

Log into website

- Log into mike, upload file, get proof.txt

Use existing exploits

- MS08-067 to jd
 - Upload file via SQL injection on dj.
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Useful Python Libraries

Requests

- <http://docs.python-requests.org/en/master/>
- <https://curl.trillworks.com/>

Subprocess

Beautiful Soup (bs4)

Pwntools
