



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
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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
