Hartford CT – Pentest Lab Initiative

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Agenda

- Introductions
- Why we're here
- Roles
- Game Plan
- Next steps

Mission

- Create capability within CT chapter that would allow our members to learn and practice ethical hacking skills in a safe environment

- Create forum for practioners to share techniques and mentor peers in this space

Roles

- Instructor:
  - Ideal background: previous or current experience doing network or application security testing.
  - Responsibilities
    - Coaching individuals new to ethical hacking, pen-testing
    - Facilitating learning sessions
  - WIIFM:
    - Experience mentoring and leading team of new testers
    - Be seen as a community leader

- Student
  - Ideal background: self-starter and go-getter. Passion for learning.
  - Responsibilities
    - Research resources provided to learn new ethical hacking technique to share back with the group
  - WIFFM:
    - Gain experience with ethical hacking fundamentals

- Security Lab manager:
  - Ideal background: previous or current IT , virtualization, and networking experience
  - Responsibilities
    - Setting up network, firewalls, secure VPN
    - Building and managing VMs
  - WIIFM:
    - Gain experience with network security

OWASP
Open Web Application
Security Project

Game Plan

- How could we do this?
  - Group learning: physical or virtual space and learning sessions
  - Individual: Setup some VMs and go to town. Setup some recurring meetings to get together and share experience
- End-goal
  - Be a resource for fellow OWASPers
  - Share out lessons learned from this experience in a chapter meeting not just how about "Breaking" but meaningful input for "Defenders"

Next steps

- Think about how you'd like to be involved and let me know

- Setting up some meeting times

- Infrastructure set-up

Resources

- [OWASP Testing guide](https://www.owasp.org/images/1/19/OTGv4.pdf)
  - https://www.owasp.org/images/1/19/OTGv4.pdf

- Kali Linux – https://www.kali.org/downloads/

- VMWare - https://my.vmware.com/en/web/vmware/free#desktop_end_user_computing/vmware_workstation_player/12_0