Hartford CT – Pentest Lab Initiative

Alvin Fong, Chapter Co-lead

March 22, 2017
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
  – 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
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**

• 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