

TIGER TRAP

TIGER TRAP  
2010

Louisiana Cyber-Security  
Capture-The-Flag Event



# TIGER TRAP INTRODUCTION

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# TIGER TRAP - WHAT IS IT?

- ◉ Tiger Trap is THE annual Louisiana Infragard sponsored 'capture-the-flag' cyber-security event designed as an information sharing and hands-on learning opportunity for business, university, state & local government, law enforcement and defense agencies.
- ◉ Train, learn & network with regional peers on the latest tools, resources & techniques in Information Security.



# TIGER TRAP EVENT - WHAT IS IT?

- Annual events simulate current cyber-warfare and cyber-crime scenarios
  - Cyber-attacks, incident response, data theft, etc
- Subject matter experts (White Team) construct target systems, score event, officiate and train
- Attack (Red) team attempts to break into target systems and 'steal' digital files (flags)
- Defense (Blue) team attempts to detect attacks. defend systems & counter attack
- Auditors record events & assure accuracy



# WHO IS TIGER TRAP?

- ◉ FBI & Infragard sponsored (503c)
  - Membership
- ◉ Founders & Executive Committee
  - Vision for Louisiana cyber-security
- ◉ Planning Committee volunteers
  - Subject Matter Experts
- ◉ Sponsors:
  - 2009: Cox BR, Shaw Const, Infragard, ISACA, LSU, etc.



# THE 2010 EVENT: SCENARIO

- White Team owns Tiger Trap Ale
  - Suspects breach of sensitive data
  - Retains Blue Team: security incident consultants
- Blue Team defends & advises
  - Conduct active detection & defense
  - Determine if breach has occurred & advise TTA
  - Advises TTA on when/if to pay ransom
- Red Team attacks & captures data
  - RT conducts technical attacks on TTA network
  - RT conducts cyber extortion (bluffing allowed)
  - RT conducts social engineering attacks



# THE 2010 EVENT: LOCATIONS

- ◉ Onsite exercise in Baton Rouge at Bon Carre Technology Park
- ◉ Training Event will be held in Baton Rouge
- ◉ System and network probing, mapping and reconnaissance can be conducted remotely.
- ◉ Team meetings / calls TBA by team members & captains



# THE 2010 EVENT: SCHEDULE

- ◉ Nov 2009-Feb 2010: Red/Blue teams meet/train
- ◉ Feb 19-March 16: White Team configures systems
- ◉ March 17-April 16: Red Team probing: Remote
- ◉ April 11-16: Blue Team reconnaissance: Remote
- ◉ April 16-22: Reimage devices and event prep
- ◉ April 23-25: Capture the flag exercise: Baton Rouge
- ◉ April 26-May 5: Auditors notes, analysis & scoring
- ◉ April 26-May 5: White Team training preparation
- ◉ May 7: Event debrief, presentation, training session and round table discussion. **FREE** tools DVD pickup.



# EXPERIENCE & VALUE: LEARN

- The Tiger Trap exercise concludes with a **FREE** learning event with classroom instruction by the event Subject Matter Experts including:
  - Training on useful hacker tools & techniques
    - What to know how to prepare
  - Training on useful defense tools & techniques
    - What to use and when to use it
  - Hands-on cross training of advanced techniques by team members & participants
    - **INDIVIDUAL & TEAM TRAINING OPTIONS AVAILABLE**



# EXPERIENCE & VALUE: NETWORK

- Free Resources DVD includes:
  - System and network attack tools
  - Defense and incident response tools
  - Links to free and commercial resources
- Networking
  - Enrollment in Infragard
    - Early detection & warning of cyber-security events
  - Team building & networking exercises
  - Round-table & peer group discussions
  - Industry contacts! - reach out to these peers when you need feedback or assistance!



# EXPERIENCE & VALUE: EXPOSURE

- ◉ Train during a real event simulation without crashing, trashing or compromising your network.
- ◉ Learn HOW and WHAT to do . . . And WHAT NOT to do . . . in a controlled and structured environment.
- ◉ Try new tools and techniques!
  - Exposure to many open source and commercial tools at NO COST.



# WHO SHOULD ENROLL?

- Teams need members, auditors & captains
- Professional fields include:
  - Information Security & Infragard Professionals
  - Cyberwarfare / Law Enforcement
  - Systems & Network Administrators
  - Computer Programmers
  - Intrusion & Incident Managers
  - Digital Forensics
  - Penetration Testers & Consultants
  - IT Auditors
- Participants are vetted by the FBI



# ENROLL & SUPPORT CONTACTS

## ○ To Participate:

- Contact [info@tigertrap.org](mailto:info@tigertrap.org)
- Download application at [www.tigertrap.org](http://www.tigertrap.org)
- Fax Infragard application to [SA Will Hatcher](#) at **(504)-816-3282**
- Contact [Dayle Alsbury: 225-229-0925](#)

## ○ To Sponsor:

- Go to [www.tigertrap.org/sponsors.htm](http://www.tigertrap.org/sponsors.htm)
- Contact Charles Broome: [info@tigertrap.org](mailto:info@tigertrap.org)
- Contact [Dayle Alsbury: 225-229-0925](#)



# QUESTIONS & ANSWERS





# TIGER TRAP CONTACTS

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