YAHOO!

HackIllinois Projects

Susan Hinrichs – ATS Summit Fall 2016

HackIllinois

- Annual event
  - http://hackillinois.org
  - Attracts 1500 students from a variety of schools
  - 3 days to complete hacks
  - 10-15 students per group?
- Adding a "Contribute" project branch
  - Looking for open source projects
  - Goal to get something useful for the open source project

ATS should provide projects

- Attract fresh talent to ATS
- Identify good candidates for our groups
  - Your company is likely already sponsoring this event
  - If not check out http://hackillinois.org/files/sponsorship_2017.pdf
- Get some contributions
- Probably other hack events out there where we could advertise our projects

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ATS Project Brainstorming

- ATS Promiscuous Sniffer plugin
  - Plugin writes all client requests and responses to a pcap file (or socket)
  - Can feed the data to existing security tools like snort/bro or just wireshark
  - Not delaying traffic just sending data to the side.
- Open source ATS SSL bump plugin
  - Has been done commercially multiple times so we know it is possible
  - A free reference implementation would be useful

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ATS Project Brainstorming

- Open source ATS Dynamic Cert Loader
  - A very limited example in open source
  - Tricky bit to add and test paging out
- Integration with WAF/Security software
  - Mod_security integration?
  - Something with IronBee?
  - Would need more research to make an actionable project
- Other ideas?

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