Cyber Attack for Management

The Armitage Project

ISSA DC / 18 Jan 11

Today.

- Your speaker
- On Hacking...
- What is Armitage?
- Demonstration
- Q&A

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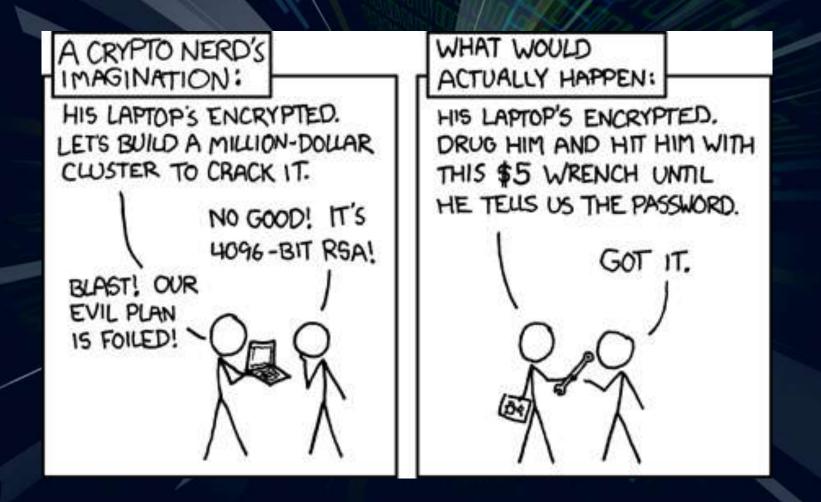
Your Speaker...

- Systems Administrator
- NOSC Crew Commander
- Cyber Ops R&D Team Lead
- Red Team Member
- Penetration Tester

Hacking is like... magic

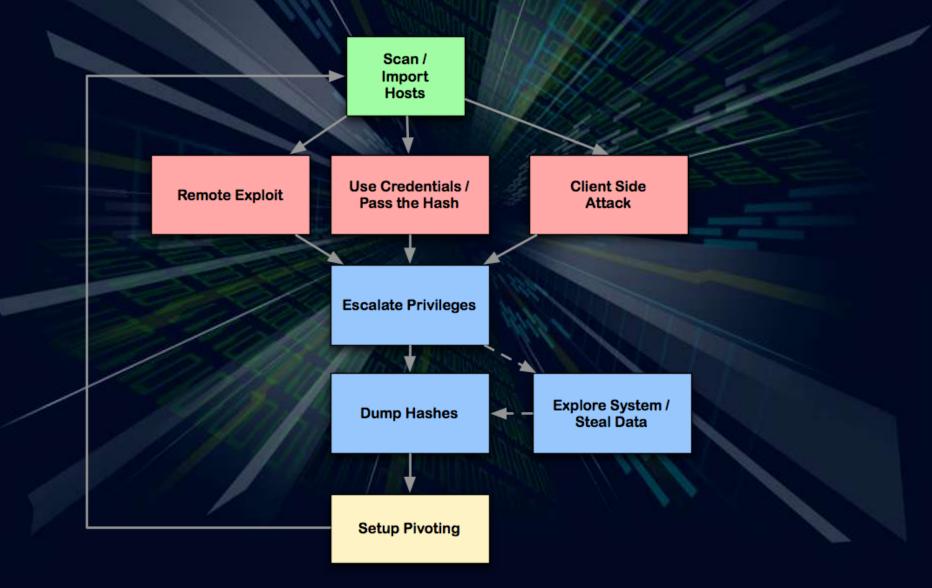


It's easier than you think...



Cartoon: XKCD by Randall Munroe: http://xkcd.com/538

Hacking is a Process



On Hacking

- It's like magic...
- It's easier than you think
- It's a process

Metasploit

 A Penetration Testing and Exploit Development Framework

http://www.metasploit.com



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[*] Sleeping before handling stage... [*] Uploading DLL (73739 bytes)... [*] Upload completed. [*] Trying to use connection... [*] Meterpreter session 1 opened <10.254.0.4:59360 -> 10.254.0.4:12345> [*] Started logging session interaction. [*] Session 1 created in the background. <u>msf exploit(test/multi/aggressive) ></u> session -1 Active sessions _____ Id Description Tunnel 1 Meterpreter 10.254.0.4:59360 -> 10.254.0.4:12345 <u>msf exploit(test/multi/aggressive) ></u> session -i 1 [*] Starting interaction with 1... <u>meterpreter</u> > use stdapi Loading extension stdapi...success. meterpreter >

A GUI for Metasploit
Recommends exploits
Configures modules
Aids Post Exploitation
Friendly to Command-line Users

- A GUI for Metasploit
- Goal: Avoid this...

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Usable for your penetration tests?

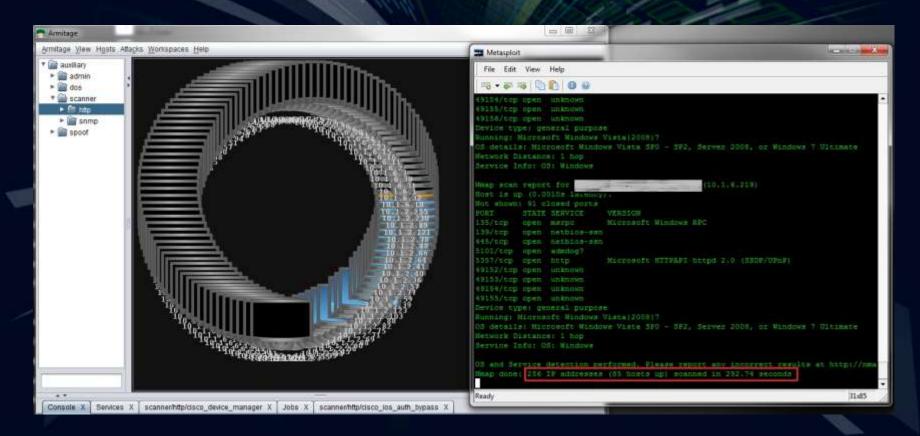


Image courtesy of @guerilla7 on Twitter.

Usable for your penetration tests

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Image courtesy of @guerilla7 on Twitter.

Stop, Demo Time!

- Scanning
- Exploitation
- Post Exploitation
- Maneuver

Today.

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- Demonstration
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Go get it...

- Website
 - http://www.fastandeasyhacking.com
- Twitter
 - @armitagehacker
- Email

– contact@fastandeasyhacking.com