

PEOPLE-CENTRIC HACKING

HOW SOCIAL MEDIA HABITS LEAD TO CYBER ATTACKS



RIC DAZA, CCIE², CISSP, CRISC, CISA ASSOCIATE DIRECTOR UHY - TECHNOLOGY ADVISORY PRACTICE

AGENDA



- 1. Overview of the Problem
- 2. Anatomy of a Hack
- 3. Tools
- 4. Examples
- 5. Countermeasures

INTRODUCTIONS



Ric Daza

UHY Advisors, Technology Advisory Practice

IT Risk Consultant & Information Assurance Researcher CCIE²(R/S & Sec), CISSP, CISA, CRISC, ISO 27001 Lead Auditor

rdaza@uhy-us.com PGP Key ID: B591C414

www.linkedin.com/in/ricdaza



@fountaintech



OPPORTUNITIES FOR HACKERS





- Current Location
- Future Location
- Previous Locations



- Name
- Birthday
- Previous Addresses



Engineering

Social

- Angler Phishing
- Account Access
- Identity Theft





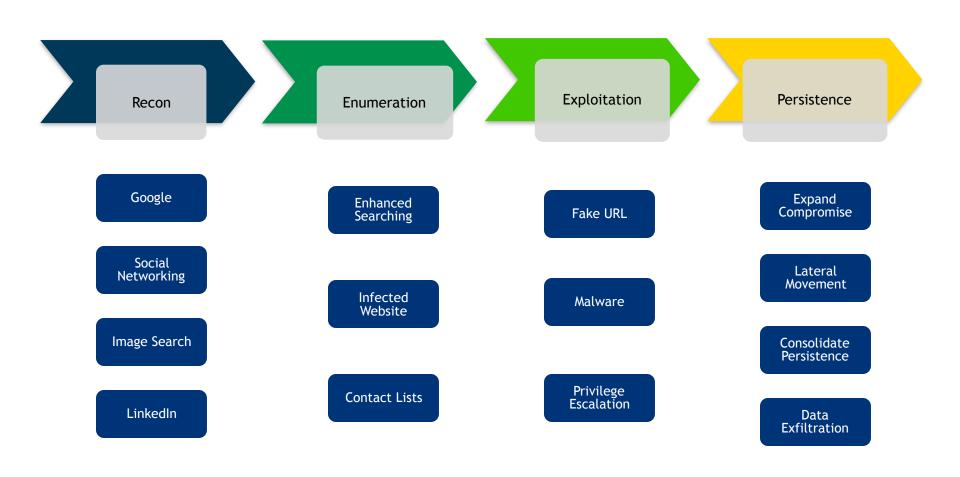


- Username
- Password Reset
- More private info



ANATOMY OF A HACK







Terminal







ate however when clicked a window pops up then is replaced with the malicious link. You can edit the link replacement settings in the set_config if its too slow /fast.

The Multi-Attack method will add a combination of attacks through the web attack menu. For example you can utilize the Java Applet, Metasploit Browser, Credenti al Harvester/Tabnabbing all at once to see which is successful.

The HTA Attack method will allow you to clone a site and perform powershell inje ction through HTA files which can be used for Windows-based powershell exploitat ion through the browser.

- 1) Java Applet Attack Method
- 2) Metasploit Browser Exploit Method
- 3) Credential Harvester Attack Method
- Tabnabbing Attack Method
- 5) Web Jacking Attack Method
- 6) Multi-Attack Web Method
- Full Screen Attack Method
- 8) HTA Attack Method
- 99) Return to Main Menu

<u>set:webattack</u>>



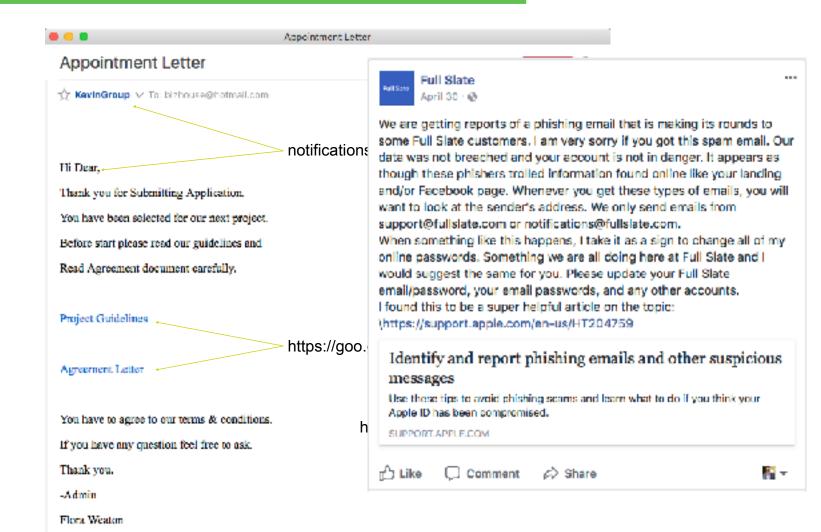


ITRC @ITRCSD - 8h

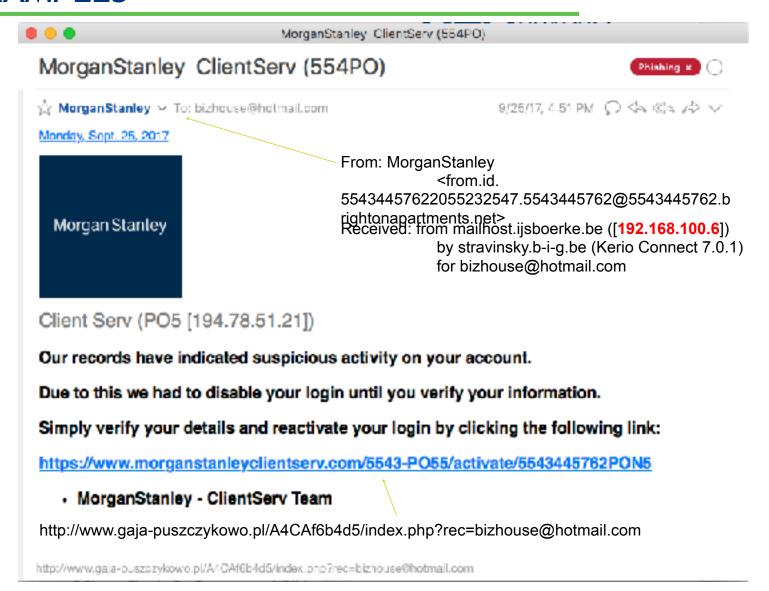
Happy Cousins Day...NOT! This Facebook notification scam is targeting your inbox: buff.ly/2fmBJWQ













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[Order Confirmation] Invoi

Safe Web Report for:



Phone Wireles Charging -

#29729B372

· Shipping Address

Rudolf Palmos 27 Matthew Street Merrylands Sydney, NSW 2160 AUS

If this not your transaction, we we protect your account, press the



to.tc

Web Site Location | Germany



Norton Rating

Norton Safe Web has analyzed to to for safety and security problems. Below is a sample of the threats that were found.

Summary

- Computer Threats: 0
- Identity Threats: 1
- Annoyance factors: 0

Total threats on this site: 1

Web sites rated "Caution" may have a small number of threats and annoyances, but are not considered dangerous enough to warrant a red "Warning". Proceed with caution.

The Norton rating is a result of Symantec's automated analysis system. Learn more.

The opinions of our users are reflected separately in the community rating on the right.

Community Reviews (0)

Threat Report



Phishing Attacks

Threats found: 1

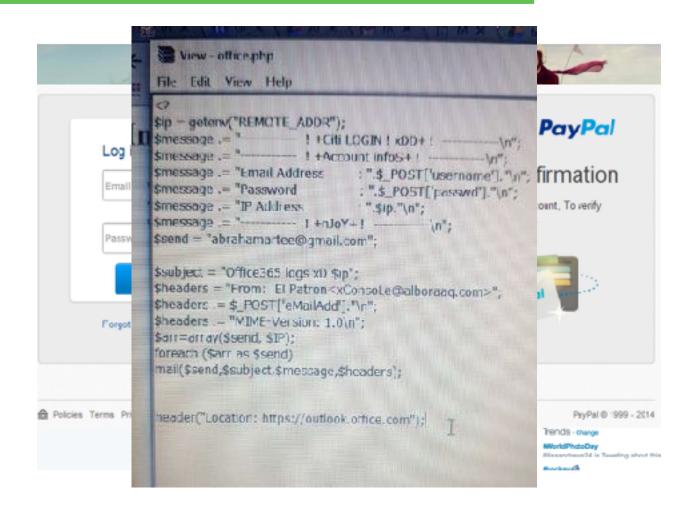


RECOVER MY AGGOUNT

http://to.tc/R94p







COUNTERMEASURES



- Google
- Unshorten.it, Urlex.org, Unshorten.me, CheckShortURL.com
- #internetscam
- Whois
- Check email addresses and @accounts
- IP Geo location
- "If it's too good to be true..."
 - Money is involved
 - ACT NOW!
 - Use of fear to a sense of urgency
 - Wants more personal information
- If you aren't sure, trust your instinct.



COUNTERMEASURES



- How to Spot a Fake Friend Request
 - Little or no history
 - No friends in common
 - Attractive Picture from the Opposite Sex
 - Friend list is mostly one sex not a mix
 - Little content on their timeline



COUNTERMEASURES...



- Use minimal info to register
- Use strong passwords and change them often.
- Set highest level privacy settings never use default.
- Be wise about what you post. Do not announce when you will be leaving town. Other things you should never post publicly: your address, phone number, driver's license number, social security number (SSN) or student ID number.
- Verify emails and links in emails you get from any social networking site.
- Install a firewall, anti-spam, and anti-virus software update frequently!
- Be certain of both the source and content of each file you download.
 Don't download an executable program just to "check it out."
- Beware of hidden file extensions "susie.jpg" vs. "susie.jpg.exe"
- When in doubt, don't open it, download it, add it, or give information you may have doubts about sharing.

QUESTIONS



Questions &|| Comments

