

PREVENTING SOCIAL ENGINEERING ATTACKS

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WHAT ARE THEY LOOKING FOR

- Take a close look at some of the 'secure' sites you log into. Some have a 'secret question' you have to answer, if you cannot remember your username or password. The questions seem pretty tough for an outsider looking into trying to hack into your account.
 - ✓ What's the name of your first pet?
 - ✓ What is your maiden name?
 - ✓ When was your mother/father born?
 - ✓ Where were you born?

Do these sound familiar?

TACTICS

1. Pretexting – Creating a fake scenario
2. Phishing – Send out bait to fool victims into giving away their information
3. Fake Websites – Molded to look like the real thing. Log in with real credentials that are now compromised
4. Fake Pop-up – Pops up in front of real web site to obtain user credentials

PROTECTING YOURSELF

A security aware culture can help employees identify and repel social engineering attacks

- Recognize inappropriate requests for information
- Take ownership for corporate security
- Understand risk and impact of security breeches
- Social engineering attacks are personal
- Password management
- Two factor authentication
- Physical security
- Understand what information you are putting on the Web for targeting at social network sites

TOOLS

- SETOOLKIT, SOCIALPHISH, Hidden EYE, Shell Phish, Black Eye, Seeker
 - Seeker.py -t manual
- Detect phishing with Browser based extensions : Net craft.

The background is a gradient of deep blue and purple, transitioning from a lighter purple at the top to a darker blue at the bottom. It is filled with a dense field of small, white, star-like specks. Overlaid on this are several large, faint, white geometric patterns. These include concentric circles, arcs, and dashed lines, some of which are accompanied by small arrows indicating a clockwise or counter-clockwise direction. A prominent circular scale with numerical markings (140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) is visible on the left side, curving around the edge. The overall aesthetic is futuristic and technical.

THANK YOU