Special Operations Tactics Applied to BYOD Defense

Michael Janke
CEO & Co-Founder

Session ID: END-R35A
Session Classification: General Interest
THE EASY “PREY”…

- BYOD – The easy route to “Your Data & Corporate Secrets”
  - One Target = YOUR DEVICE = Multiple Predators
    (IP Thieves, hackers Criminals, On-Line companies, Law Enforcement, Banks, retailers, etc.)
GAME ON – sophisticated enemies on both fronts

- Personal Data & IP Theft is the new “GOLD”
- 65% text-email-call work related away from the office on own device
THE PREDATOR’S MINDSET…

► **Enterprise Digital TTP’s** (Tactics, Techniques & Procedures)
  ► **DEFENSE** is the “Sheep Mentality” – should be 50% only
  ► **Catapults vs. SEAL Team 6**: Metal-Boxes vs. Virtualized Network
  ► **Small-Unit Tactics**: All-star team, small, highly-trained + hackers

► **Enterprise “Predator” BYOD Strategy**
  ► **DEFEND**: Flexible Virtualized Network + BYOD Access control levels. Physical security inward & outward – Both PKI and Peer-to-Peer tools
  ► **TRAIN**: Intensive & on-going employee training – Mobile/Laptop/travel
  ► **ATTACK**: Small elite hacker-security team/ attack your network, BYOD, Detect-Track-attack probes and attempts – offensive capability – oversight & control – Red Team exercises for BYOD
The Balanced Ecosystem…

- 2013: up to 45% of corporate data access will be on BYOD

DEFENSE - 50%

OFFENSIVE CAPABILITY

TRAINING - 30%

ATTACK - 20%
THE RONIN STRATEGY...

► Digital Martial Arts: Your Privacy in your hands

► DEFENSE: Tor, VPN’s, Whole Disk Encryption, “Burner Devices”, clean wipe capability, encrypted email, encrypted VOIP, Security Software, Peer-to-Peer Encryption, Network awareness, etc.


► TRAINING: On-line personal security classes, Company-mandated personal digital security classes, Self-Educate, attack demos, etc.
TAKE-AWAYS

► Don’t always follow the Sheep Herd products & systems – think unconventionally
► BYOD is a getting bigger….. lots of confusion and innovations
► Not “IF” but “WHEN” – your company and you as an individual are targeted.
► Defend with simplicity – Train every employee – Attack for knowledge
► Offensive knowledge and “red team” exercises benefit everyone.
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