CYBER THREATS TARGETING HIGH LEVEL INDIVIDUALS: IS YOUR ORGANIZATION PREPARED?

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INTRODUCTION

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OBJECTIVES

- UNDERSTAND THE HUMAN SIDE OF CYBER THREATS
- KNOW HOW TO REPORT, MITIGATE AND/OR REMOVE
- CREATE STRATEGIES FOR TRUSTED AVENUES OF DISCLOSURE
- DEVELOP & DEPLOY EDUCATION AND TRAINING FOR OFFICIALS AND THEIR FAMILIES

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THE HUMAN SIDE OF CYBER THREATS

CASE STUDIES
WHAT ARE THEY DOING?

THE KEY TO UNDERSTANDING SOCIAL MEDIA SUCCESS IS UNDERSTANDING YOUR AUDIENCE BY ASHLEY ZECKMAN

SEE HTTP://WWW.TOPRANKBLOG.COM/2012/02/AUDIENCE-SOCIAL-MEDIA-SUCCESS/

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HOUSE OF CARDS – FRANK UNDERWOOD

Frank Underwood, House of Cards, http://i.imgur.com/hFB1uc3.png

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"YOU (SIC) FAMILY SHOULD ALL BE KILLED"
MLB INVESTIGATED DEATH THREAT TO KHRIS DAVIS, HTTP://WWW.JSONLINE.COM/BLOGS/SPORTS/260839191.HTML (MAY 27, 2014)

Brewers leftfielder Khris Davis revealed Tuesday that he received a recent death threat deemed serious enough to be investigated by Major League Baseball.
Davis said he received the death threat on Twitter while the team was in Chicago on the last road trip. He told club officials, who contacted MLB's investigative wing.
The tweet, attributed to "Xero Vanderbilt," referenced Davis' Twitter name and, using a racial epithet, said "You (sic) family should all be killed."
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Davis, 26, in his first full year in the major leagues, called the threat "a distraction" but it was obvious it was much more than that for a period. Davis said manager Ron Roenicke gave him a pep talk after the threat to encourage him not to let it change him as a person or player.

Davis was struggling at the time at the plate. Asked if he lost confidence, he said, "No, it's just out of frustrations of other distractions, really. It's not like 'Can I play here?' It's more of the distractions around me annoying me.

"Recently, I had a death threat on my Twitter. MLB checked it out. Unfortunately, yes (there were bad intentions). I don't know. It's a crazy world. I was in Chicago. They tagged me with some stuff and I didn't have a good game."
Chimerix CEO faced death threats before Durham company provided drug to ill first-grader

BY JOHN MURAWSKI
jmurawski@newsobserver.com  March 12, 2014

Speaking in his executive office on Wednesday, Moch said he wouldn't validate the strategy behind the threats by divulging details. But he noted that he and his 54-employee company experienced the “dark side” of the social media phenomenon.
SUFFERING IN SILENCE: THE DARK SIDE OF JUDGING
PRESENTING THE “WHAT IF SCENARIO”

• OVERVIEW FEDERAL JUDGE’S CAREER
• 16 YEARS IN CAREER - NOMINATED BY PRESIDENT CLINTON 1998
• FAMILY – ELDERLY PARENTS, WIFE, CHILDREN & GRANDCHILDREN
• WEBSITES
• SOCIAL MEDIA PACKAGE OF THREATS
  • YOUTUBE
  • FACEBOOK
  • MEETUPS
Even Patriots, Constitutionalists, and Marines are open to persuasion concerning their own enlightened self-interest.

A few closeup pictures of the honorable judge’s grandchildren at the playground, a few pictures of decapitated and disemboweled victims with “MS-13” carved into their flesh, all slathered with HIV-tainted blood and stuffed into the judge’s mailbox... yeah, that should do it.
REMOVAL, REPORTING AND MITIGATING

- REVIEW TERMS OF USE AGREEMENTS
- REVIEW IMAGES
- CONTACT LAW ENFORCEMENT
- REMOVE PERSONAL INFORMATION
- PROACTIVE MAY MEAN DOMAIN NAMES, BLOGS, YOUTUBE, FACEBOOK, ETC.
- EMPLOYEE EDUCATION AND TRAINING
KNOW HOW TO REPORT, MITIGATE & REMOVE
HOW DO YOUR OFFICIALS REPORT THREATS RIGHT NOW?

• DON’T REPORT
• CALL THE IT GUY
• CALL THE CIO
• TELL THEIR PROGRAM ASSISTANT
• ASK A JUNIOR EMPLOYEE FOR HELP

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ARE THREATS DOCUMENTED?

- NOT SURE WHAT TO DOCUMENT
- WHAT IS IMPORTANT?
- WHAT CAN BE MISSED?
- IS THE DOCUMENTATION A PHONE CALL?
ARE THERE POLICIES ASSOCIATED WITH PERSONAL THREATS?

- WHAT DOES YOUR CYBER SECURITY PLAN DETAIL?
  - EMPLOYEE USAGE
  - SOCIAL MEDIA POLICY
  - REPUTATION RISKS TO ORGANIZATION
  - PHISHING

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HOW DOES YOUR ORGANIZATION INVESTIGATE?

• IS THE PROGRAM ASSISTANT SERVING AS INVESTIGATOR?

• IS THE OFFICIAL EXPECTED TO KNOW THIS?

• WILL THEY CALL A FAMILY MEMBER?

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MOST IMPORTANT

HOW DOES YOUR IT DEPARTMENT RESPOND TO THREATS?

WHO IS IN CHARGE OF RESPONDING?

DO THEY UNDERSTAND HOW TO COMMUNICATE WITH LEADERSHIP?

DO THEY UNDERSTAND THE IMPORTANCE OF IDENTIFYING AND DOCUMENTING PATTERNS?

WHAT IS THE IMPACT OF AN ONLINE PERSONAL THREAT TO A HIGH LEVEL OFFICIAL?

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CREATE STRATEGIES FOR TRUSTED AVENUES OF DISCLOSURE
ASSESS COMMUNICATION

• GOOD COMMUNICATION
• PHONE, TEXT OR EMAIL?
• WHERE ARE OUR TOUCH POINTS?
• CAN WE REACH OUT TO A 3RD PARTY?
ESTABLISH POSITION AND ROLE WITH RESPONSIBILITIES

• EASY TO TALK TO
• NOT CONDESCENDING
• INFORMATIVE
• CONFIDANT

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CREATE ENVIRONMENT FOR DISCLOSURE

- HIGH LEVEL OFFICIALS RELUCTANCE TO SHARE
- COMFORTABLE SPACES
- LOOK FOR RELEVANT EVENTS
- EXPECTATION CONVERSATION
INTEGRATE PERSONAL REPORTING INTO CYBER SECURITY PLAN

• GET RID OF THAT KNOW IT ALL ATTITUDE
• ALL SOCIAL MEDIA IS NOT BAD
• UNDERSTAND THAT PEOPLE ARE GOING TO BE ON SOCIAL MEDIA
• BE REALISTIC
• PROVIDE A PLAN
THE PLAN SHOULD INCLUDE:

• HOW TO REPORT A THREAT – WHO, WHAT, WHERE, WHEN AND HOW?
• HOW TO MONITOR PERSONAL INFORMATION – PEEKYOU, SPOKEO, ETC.
• COMPANIES THAT OFFICIALS CAN CONTACT - BE PROACTIVE
• ROLES AND RESPONSIBILITIES OF STAFF
• HELPFUL RESOURCES AND LINKS
HOW TO REPORT A THREAT:

• DIRECTIONS ON HOW TO CAPTURE SCREEN SHOTS
• ALL INFORMATION MUST BE CAPTURED
• IT STAFF SHOULD KNOW HOW TO DETERMINE WHO OWNS THE SITE – GODADDY OR WHOIS
• SHOULD IT BE REPORTED OR MONITORED
• EXPLAIN HOW THE THREAT SHOULD BE DOCUMENTED OR CREATE A FORM
• REMEMBER EASY AND UNDERSTANDABLE

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CYBER EXERCISES MUST INCLUDE PERSONAL THREATS

Former Wegmans employee charged with sending online death threats to CEO

Activision CEO Talks About COD Dev Death Threats
Unsure how industry can take a stand in this social age.
by Ryan Parreno on 5th Sep, 2013

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Occupy Wall Street Protesters Now Sending Death Threats to Lawmakers

Several influential New York state lawmakers have received threatening mails saying it is "time to kill the wealthy" if they don't renew the state's tax surcharge on millionaires, according to reports.

"It's time to tax the millionaires!" reads the email, according to WTEN in Albany. "If you don't, I'm going to pay a visit with my carbine to one of those tech companies you are so proud of and shoot every spoiled Ivy League [expletive] I can find."

State Assembly Speaker Sheldon Silver and State Senate Majority Leader Dean Skelos reportedly received the email, as did State Assembly Majority Leader Ron Canestrari. The governor's office did not tell the New York Daily News whether the governor received the email.

The email, with the threatening subject line of, "time to kill the wealthy," was detailed and disturbing.

Read more: [Link to www.politico.com]

Pearl Harbor was an inside job.
SOCIAL MEDIA FOOTPRINT

The Disturbing Internet Footprint Of Santa Barbara Shooter
Elliot Rodger

Jared Lee Loughner: social media footprints of Arizona shooting suspect

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CYBER EXERCISE TO PREPARE AND CREATE DIRECTION

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http://content.time.com/time/photogallery/0,29307,1982767,00.html
DEVELOP AND DEPLOY TRAINING FOR OFFICIALS AND THEIR FAMILIES

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CREATE AN ENVIRONMENT OF TRUST AND KNOWLEDGE

• YOUR ORGANIZATION SHOULD TAKE A HOLISTIC APPROACH TO CYBER SECURITY

• PERSONAL THREAT PLANNING SHOULD INCLUDE THE MONITORING OF PERSONAL INFORMATION AVAILABLE ONLINE

• TRAINING FOR LEADERSHIP, EMPLOYEES AND FAMILIES

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PROVIDE OPPORTUNITIES FOR DISCUSSION
TAKE YOUR CHILD TO WORK DAY


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EXTEND TRAINING TO FAMILIES

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TRUSTED COMMUNICATION PLAN

THE TRUST EQUATION

( CREDIBILITY )  +  ( RELIABILITY )  +  ( INTIMACY )

=  TRUSTWORTHINESS


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CONCLUSION

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