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State of Cybersecurity: 2015 Findings and Implications

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Topics Professionals Want to Know About

RSA Conference submissions tell the story:

- The industry has matured significantly in regards to discussing identity, insider threat risk and assessing user behavior.
- **“**Information sharing” has been a trending topic for the past three years.
- This year, **“**threat intelligence**”** appeared in submission titles and abstracts four times as much as last year.
- Skills and training are key to addressing global cyber issues.

Global Survey

State of Cybersecurity: Implications for 2015
An ISACA and RSA Conference Survey

- Conducted in January 2015.
- 1,500 ISACA and RSA constituents participated in the survey and 649 completed it.

Demographics

Budgets, hiring and skills

Hacks, attacks and flaws

Threats

Social media

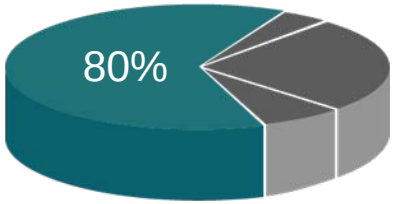
Internet crime and fraud

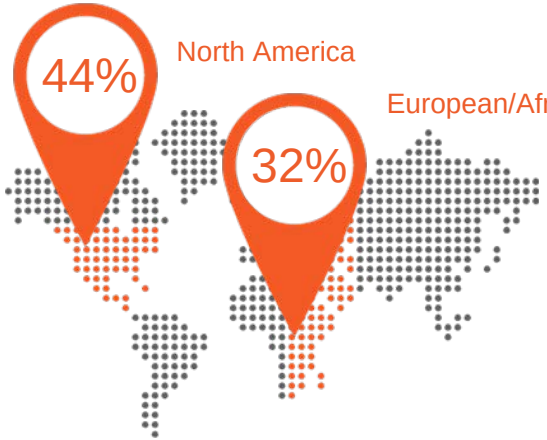
Organizational security and governance

Demographics

Breakdown of typical respondents:

An ISACA member





Employed in an enterprise with at least 1,000 employees

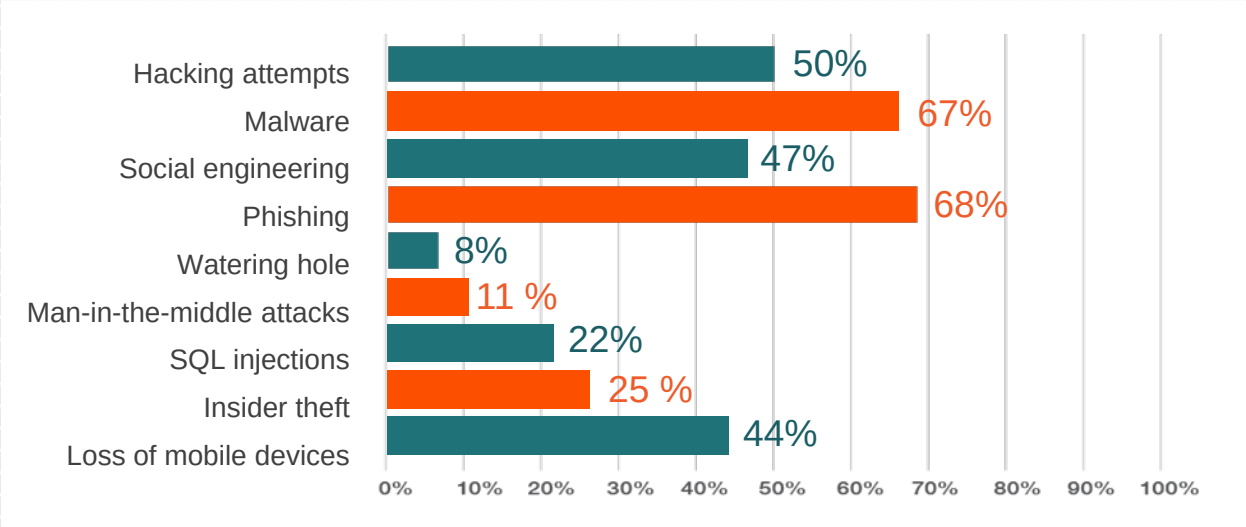
Working in technology services/ consulting

23%
Financial services

66%
Someone whose main function is in cybersecurity or information security

Hacks, Attacks and Humans

Successful attack types:



Total Respondents: 704

Training is Good… Right?

Security awareness programs:

Having an awareness program in place

Believed it to be effective

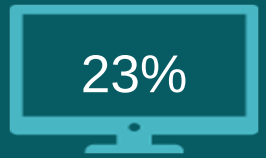
Counter-Intuitive Results

- Organizations with training in place have MORE human-dependent incidents.
- Especially troublesome: non-malicious insiders impacting enterprise security are 12 % higher in enterprises that have an awareness program in place.

Monitor and Identify

Monitoring and identifying attacks and exploits remains a strong concern:

Responded that they do not know if they had been made vulnerable

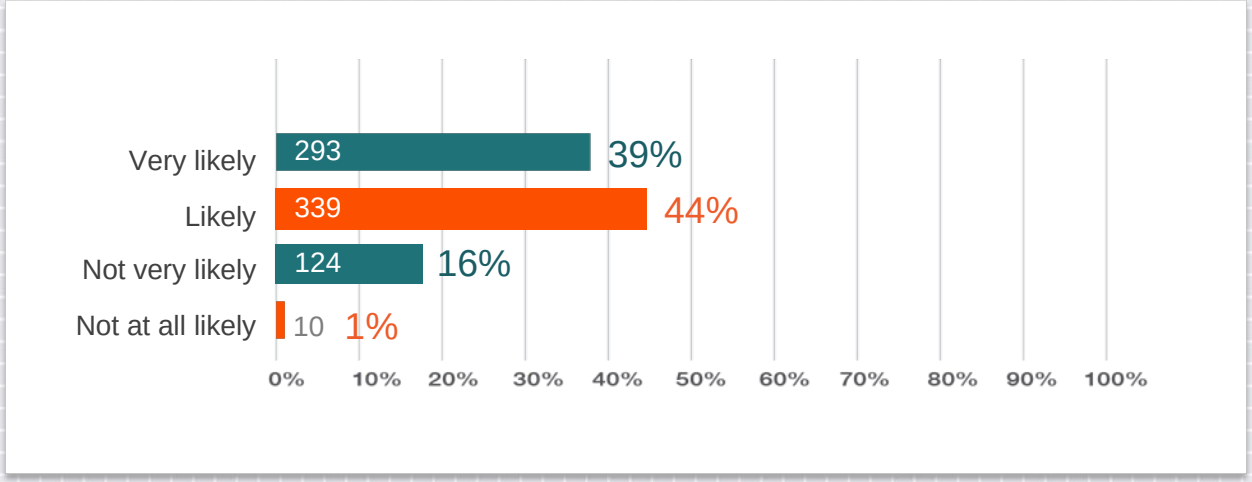


Do not know whether they had any corporate assets hijacked for botnet use or if they had any user credentials stolen in 2014.

Do not know if they had become victimized by an advanced persistent threat (APT)

Attacks are Expected

How likely do you think it is that your organization will experience a cyber attack in 2015?



Total Respondents: 766

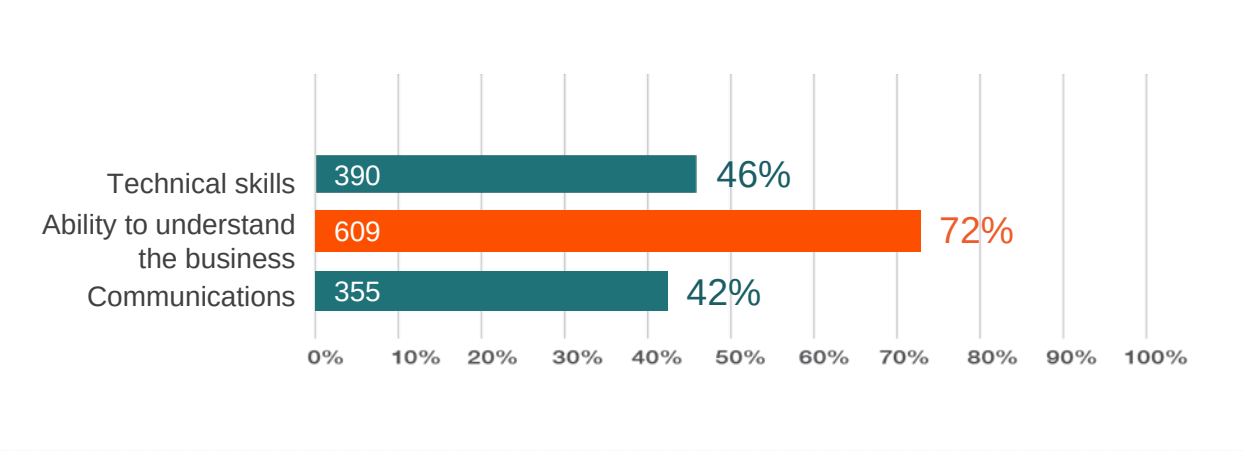
Global Skills Gap and Shortage

An increase in cyber attacks has created global need for more cybersecurity professionals and for greater hands-on, real-world experience among those professionals.

Who is Watching the Shop?

Skills Need to Be Sharpened

Are you comfortable with your security team's ability to detect and respond to incidents?



Total Respondents: 842

Training, Certification and Career Management

Cybersecurity Nexus™ (CSX) – Addressing the Skills Gap

- CXS skills-based training and performance-based certifications
- CSX Fundamentals Certificate
- Ongoing education & events
- Career management resources

Threats and Gaps

Cybersecurity is everyone's business.

Let's move forward by building the skills for a trained cybersecurity workforce.

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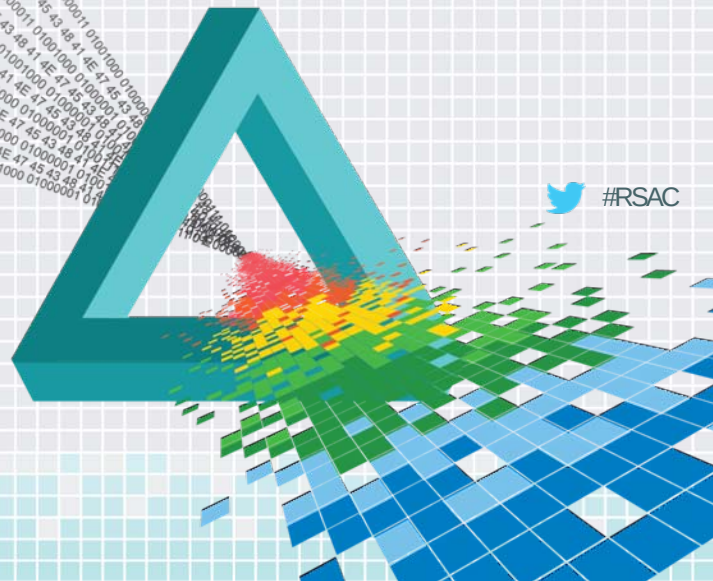
Thank you for attending

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