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Security Risk Management

Traditional information security risk management or more recently cyber security risk management has been implemented in a number of ways, common to all methods is the attempt to manage the security risk of an asset and generally reduce it to some acceptable level. Security professionals have relied on identification of threats to a specific asset in isolation from its interactions with the organizational environment. Typically external controls, system and process dependencies and data type are not accounted for. This results in security programs that define risk management in terms of vulnerability management.

Risk is a measurement of uncertainty and uncertainty is felt differently across the organization. The impact of a risk evolve over time as controls successfully mitigate risk or the changing nature of the organization dictate new risk tolerances. The Security Risk Management (SRM) Web site provides a venue for security professionals and non-security professionals with security risk interests to review, discuss, and access the latest research and trends in security risk management.

SRM is dedicated to the development of security risk management principles that enhance the organizations resiliency to security-based threats through integration of information security into the Enterprise Risk Management program.

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to manage investments. However, online
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victim. What is online trading? Online trading
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Business Continuity

NOVEMBER 15, 2011 BY ICEMAN LEAVE A COMMENT

Welcome to the RSM forum. Organizations take precautions to protect against the large acts of God such as tornadoes, floods, earthquakes, wildfires and the esoteric volcano eruption. What organizations have not sufficiently prepared for are attacks against their data and operational systems in the form of cyber terrorism. Yet the effects of cyber terrorism on the organizations processes and operations can be as devastating as any natural disaster.

Business continuity planning identifies critical business processes developing advanced arrangements and procedures that enable the organization to continue critical business after an event. Business continuity planning typically covers people, processes, technology, facilities and infrastructure. Some level of each are required for the business to continue operations after a significant event.

The four stages of business continuity are 1) response – actions directed at life, safety, evacuation and emergency response to a significant event 2) resumption – restarting critical business processes and operations in a deliberate and planned fashion 3) recovery – recovery of critical processes, systems and facilities in an order that allows continuation of critical business processes leading to the recovery operations within a time frame that minimizes the impact on the organization, and 4) restoration – repair or relocation of primary facilities for the restoration of normal operations.

Business continuity offers value to the organization but fails to address the new reality of cyber threats on the organizations processes and infrastructure. A successful malware attack that creates a sustained denial of service for the organization can have a similar impact as an earthquake in preventing the organization from

Resources

Reading Room

The reading room is where you will find articles of interest covering security risk management. Topics include general security risk, cyber security risk management, security risk metrics, business continuity and disaster recover as part of the broader security risk spectrum. Enjoy!

Business Continuity Management

- Business Continuity Institute Business continuity standards with useful resources.
- DRI International Certification and education for Business Continuity professionals.

Cyber Security

- CERT The CERT Program is chartered to work with the internet community in detecting and resolving computer security incidents, as well as taking steps to prevent future incidents.

General Risk

- Hubbard Decision Research Douglas Hubbard has written three interesting books on the topic of risk management. Very easy reads with worthwhile content.

Security

- ASIS American Society for Industrial Security (ASIS)

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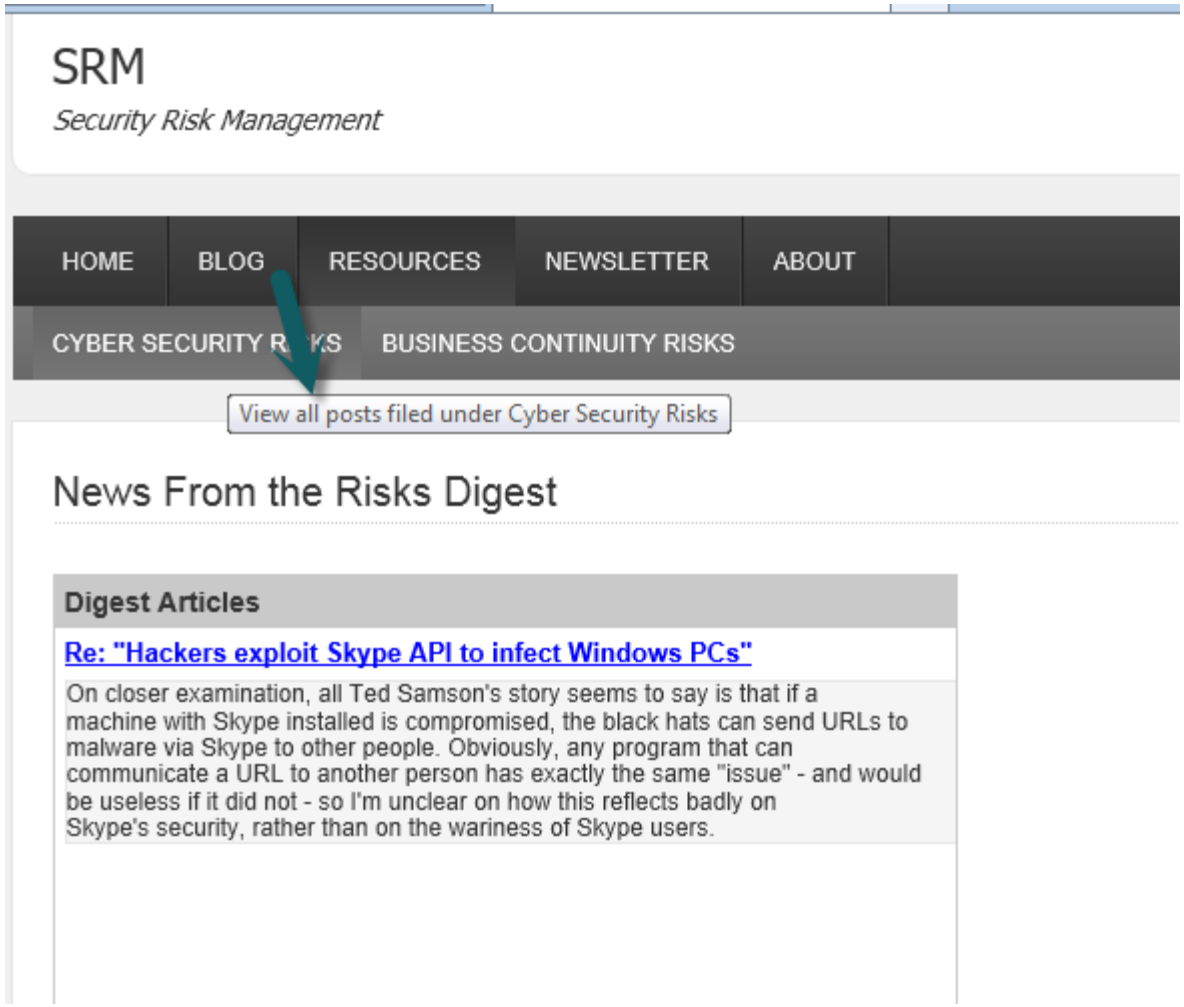
ST11-001: Holiday Traveling with Personal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Re: "Hackers exploit Skype API to infect Windows PCs"
On closer examination, all Ted Samson's story seems to say is that if a machine with Skype installed is compromised, the black hats can send URLs to malware via Skype to other people. Obviously, any program that can communicate a URL to another person has exactly the same "issue" - and would be useless if it did not - so I'm unclear on how this reflects badly on Skype's security, rather than on the wariness of Skype users.

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Security risk management is an evolving area where the convergence of physical and cyber security with business continuity, disaster recovery and organizational risk management disciplines is driving the need for integration of security into the organizations Enterprise Risk Management process.

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