



Planning for a Ransomware Attack: Practical steps for response preparedness and risk mitigation

Panelists:

Kara Altenbaumer-Price, *McGriff, Siebels & Williams, Inc.*
John E. Ansbach, *Stroz Friedberg, an Aon Company*
Sarah Khourouzan Shaw, *Hudson Advisors LP*

Moderator: Bart Huffman, *Reed Smith LLP*

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Agenda

1. Introductions & Overview
2. Panelist remarks
3. Special topics
 - A. Contracts
 - B. Incident response preparedness
 - C. Cybersecurity policies and procedures
 - D. Cyberinsurance
 - E. Consultants
 - F. The response team and phases of the response



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Introduction & Overview

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Overview

- Encryption
 - Modification of data
 - Loss of control (systems, data)
- Reconnaissance
 - Intelligence gathering
 - For subsequent attacks (same target, other targets)
- Theft of Data
 - Extortion
 - Shaming (and leaks)
 - Re-sale

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Tactics

- Dominant threats
 - Ransomware
 - BEC (business email compromise)
 - Third-party incidents
- Phishing: 1 in 6000 e-mails contains malware, up 600%
- Other social engineering
- Remote Desktop Protocol
- Software vulnerabilities
 - SolarWinds
 - Log4J

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Response Considerations

- How resilient is the organization and its systems?
 - Unavailability of data (business data, customer data, personal data, etc.)
 - Unavailability of systems (communications, billing, fileshare, etc.)
- Recovery measures
 - Analysis of the attack
 - Cleaning the environment
 - Rebuilding
- Compliance and risk mitigation
 - Forensic trails
 - Responding appropriately and in a timely manner
 - Privilege considerations given potential litigation and regulatory inquiries
- After action review and updates (policies, procedures, practices, systems, training).

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