

## Minimizing Business Disruption After a Cyberattack

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Version 3

#### Agenda

- Why prepare for Cyberattacks?
- How to prepare for Cyberattacks?

### Why prepare for Cyberattacks?

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## Sony PlayStation Network

# 23 Days of outage \$U\$ 17,000,000 Damage 60,000 Fine









### How to prepare for Cyberattacks?

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### Understanding the Nature of Cyberattacks





Gartner: "A Cyberattack is a Street fight"

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### Response and Recovery Standard/Best Practice <sup>13</sup>

- ISO 22320:2011 Societal Security Emergency management Requirements for Incident Response
- ISO 22301:2012 Societal Security Business Continuity Management Systems Requirements
- ISO 22313:2012 Societal Security Business Continuity Management Systems Guidance
- ISO/IEC 27031:2011 Information Technology Security Techniques Guidelines for Information and Communication Technology Readiness for Business Continuity
- ISO/IEC 27032:2012 Information Technology Security Techniques Guidelines for
- Cybersecurity
- ISO/IEC 27001 Information Security Management
- ISO/IEC 27035:2011 Information Technology Security Techniques Information Security
- Incident Management
- BS 11200 Crisis Management Guidance and Good Practice
- U.S. Department of Homeland Security National Incident Management System (NIMS)/Incident Command System (ICS)
- NIST SP 800-61 Rev. 2, Cybersecurity Incident Handling Guide (August 2012)
- Expectations for Computer Security Incident Response



#### In Summary

- A successful cyberattack can shutdown your business operations for a long time causing information leak, financial loss, reputational damage, etc.
- Backup systems, applications, data and disaster recovery might also be infected derailing you from BCM, RTO and RPO.
- Integrating BCM and CSIRT planning, response and recovery are the best approach to minimize disruption of a cyberattack.

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