

Creating the IR Plan Using Playbook Scenarios

ABOUT

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- Founder/Principal at Stern Security
- Author – Security Penetration Testing, The Art of Hacking (Cisco Press)
- Co-Chair Privacy & Security Workgroup at NCHICA
- Former Healthcare Security Officer

AGENDA

- Why Scenarios
- Plan Outline
- Choosing Scenarios
- Questions

Don't Get Overwhelmed

Creating the procedures is a large task, but you can do it :)



Why Scenarios?

Overall Outline

Purpose

Scope

Definitions



Overall Outline (cont.)

Team Roles & Responsibilities



Incident Response Team

- CIO
- Service Desk
- Security Team
- Various IT teams
- General Counsel
- Audit & Compliance
- Risk Management
- Police Department
- Public Relations



Overall Outline (cont.)

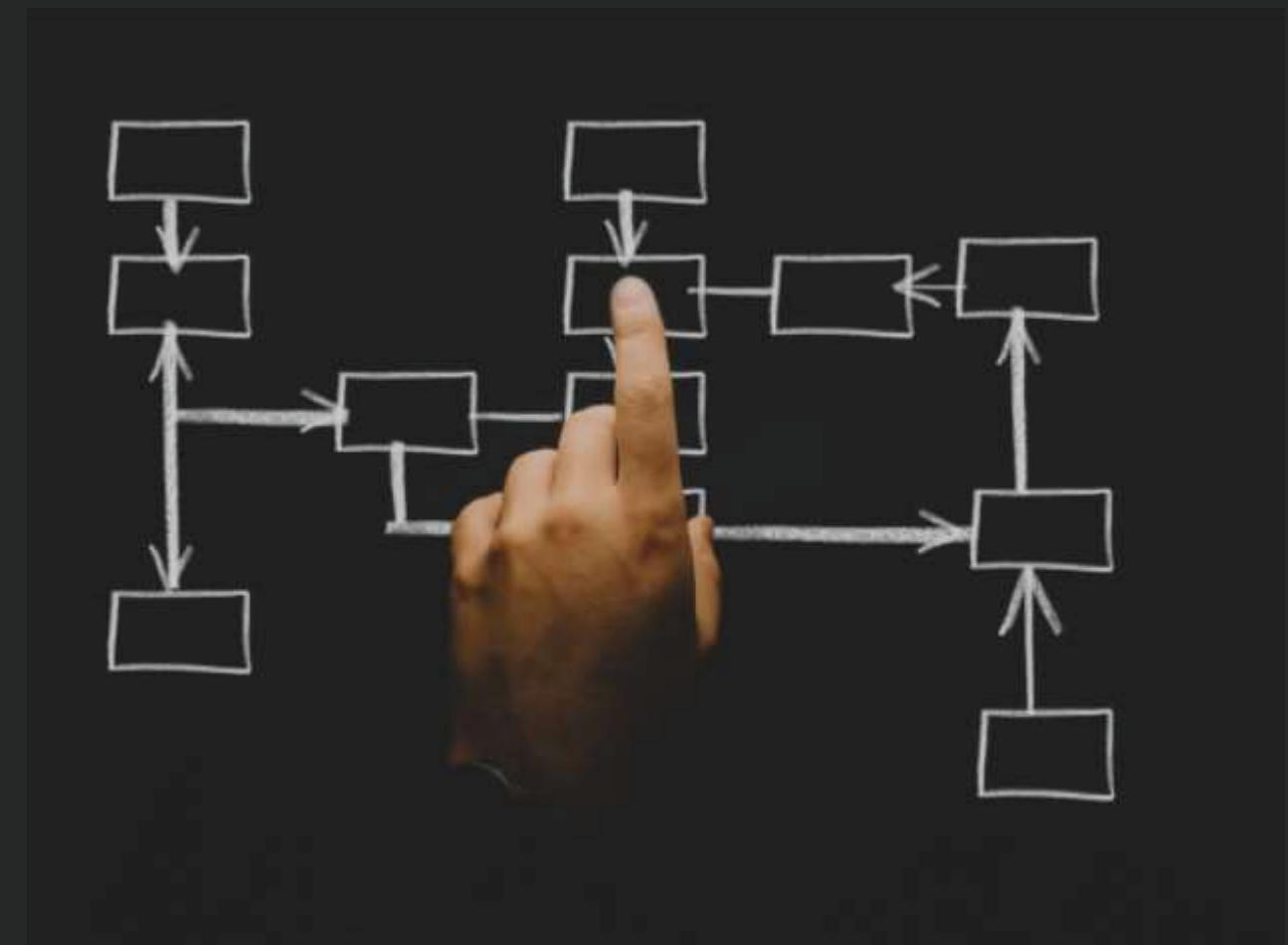
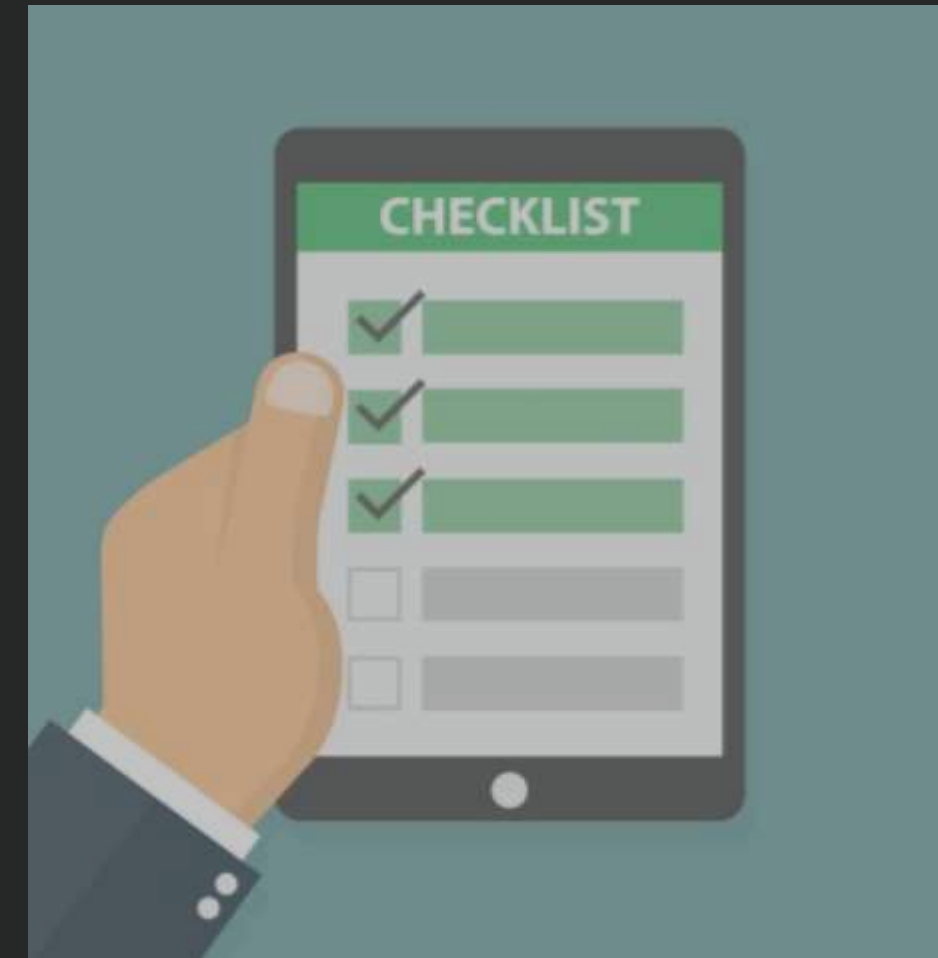
PROCESS FLOW



Overall Outline (cont.)

Scenarios

- Checklist
- Flowchart



Overall Outline (cont.)

Contact
Information

Timelines

Versioning

Choosing Scenarios

- Previous Incidents
- Breaches & Emerging Threats
- "Health Industry Cybersecurity Practices: Managing Threats and Protecting Patients" Guide

Choosing Scenarios (cont.)

HEALTH INDUSTRY CYBERSECURITY PRACTICES: MANAGING THREATS AND PROTECTING PATIENTS GUIDE

- Email Phishing Attack
- Ransomware Attack
- Loss or Theft of Equipment or Data
- Insider, Accidental or Intentional Data Loss
- Attacks Against Connected Medical Devices That May Affect Patient Safety

Ransomware Attack

INCIDENT RESPONSE PHASES



Questions?

References

- Stern Security

<https://www.sternsecurity.com>

- Healthcare Breaches Dashboard

<https://www.healthcarebreaches.com>

- "Health Industry Cybersecurity Practices: Managing Threats and Protecting Patients" Guide

<https://www.hhs.gov/about/news/2018/12/28/hhs-in-partnership-with-industry-releases-voluntary-cybersecurity-practices-for-the-health-industry.html>

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