It’s Not If…But When
How to Build Your Cyber Response Plan

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September 25, 2017

Incident Response Plan (IRP)

Key Questions

- Why is it important to define an incident?
- How do you define an incident?
- How do you define an event?
- How do you define a breach?

- What's the difference between them? Why should I care?

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Definitions

- Incident Definition (NIST 800-61 r2)
  - NIST says… ”A *computer security incident* is a violation or imminent threat of violation of computer security policies, acceptable use policies, or standard security practices.”
- If we used this definition, we would always be in incident response mode. We all have users! ☺
- Consider appending with: “that *has significant potential* to lead to the following:
    - Negative impact to the company’s reputation
    - Inappropriate access to PII or PHI or customer data
    - Loss of IP or Funds

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Definitions

- Event Definition
  - NIST says… ”An ***event*** is any observable occurrence in a system or network.”
  - “***Adverse events*** are events with a negative consequence, such as system crashes, packet floods (DDoS), unauthorized use of system privileges, unauthorized access to sensitive data, and execution of malware that destroys data.”

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Definitions

- Breach Definition (The “B Word”)
  - “…a security breach in which sensitive, protected, or confidential data is copied, transmitted, viewed, stolen, or used by an individual unauthorized to do so.”
  - Be very careful when using that word in communications around an incident.
  - Generally occurs when an organization has lost control of certain types of sensitive data
    - PII, PHI, customer data
  - Talk to your counsel.

Incident Response Plan (IRP)

Roles and Responsibilities

- Identifies each member of the Incident Response Team (IRT)
- Outlines the role of each member
- Details each team member’s responsibilities
- Can define as one single team, or a core team + ad hoc members as needed

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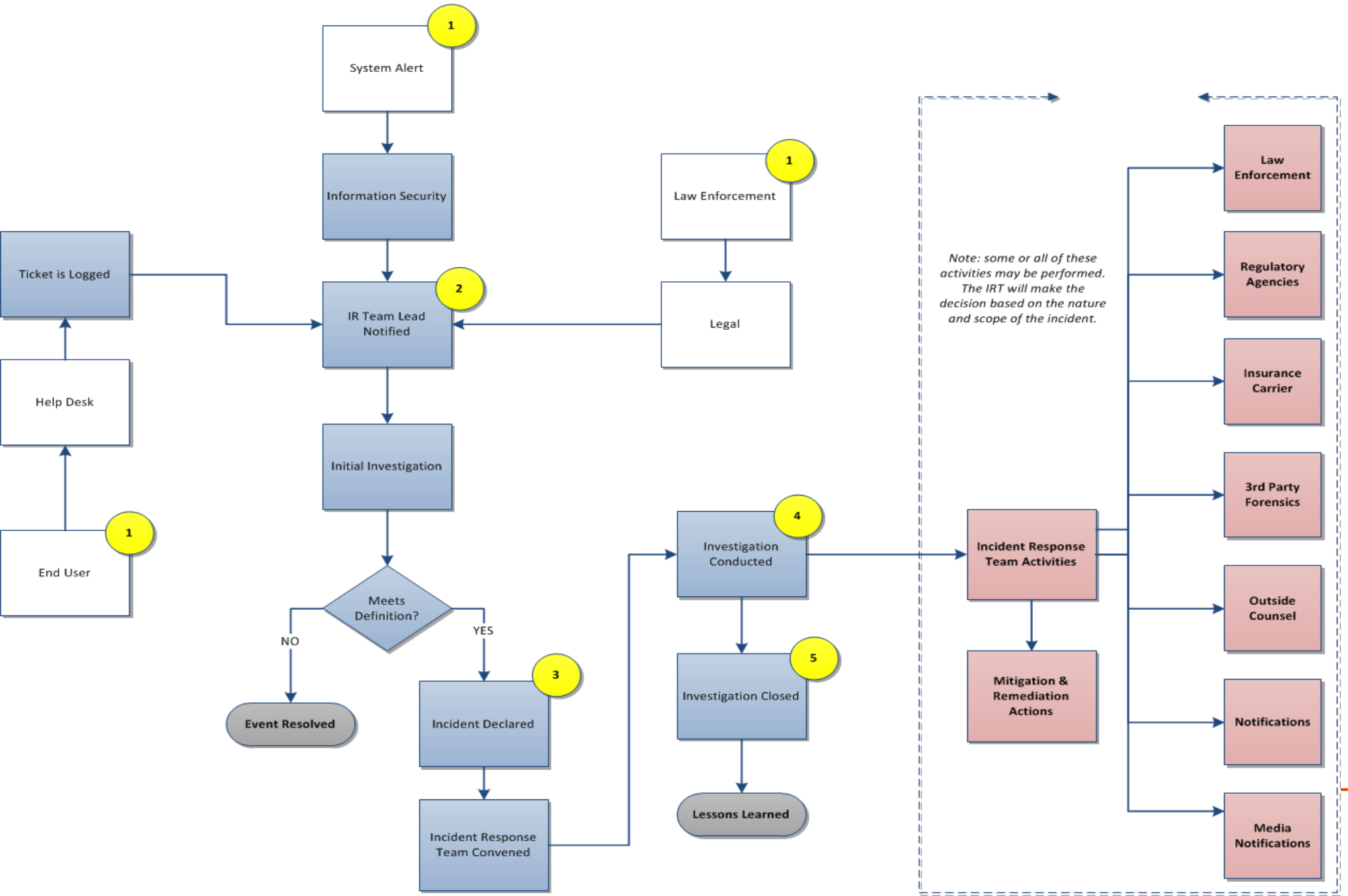
Roles and Responsibilities

- Team Members to include / consider:
  - General Counsel (Legal)
  - CISO / CIO (Management / technical)
  - Technical leads (Network / infrastructure)
  - HR
  - PR/Marketing
  - Risk Management/Insurance
  - Business Leads
- Know who is driving the bus. There are tough decisions ahead.

Incident Response Plan (IRP)



Questions?