Cybersecurity Update

October 21, 2021

Overview

Cybersecurity Threat Update

Information Security Examination & Cybersecurity Assessment Program

Guidance and Risk Alerts

Cybersecurity Resources Webpage

Industry Outreach and Partner Engagement

Cybersecurity Threat Update

Threat Environment

Cyber Risks

Ransomware

Supply Chain Vulnerabilities

Business Email Compromises

FBI Internet Crime Complaint Center
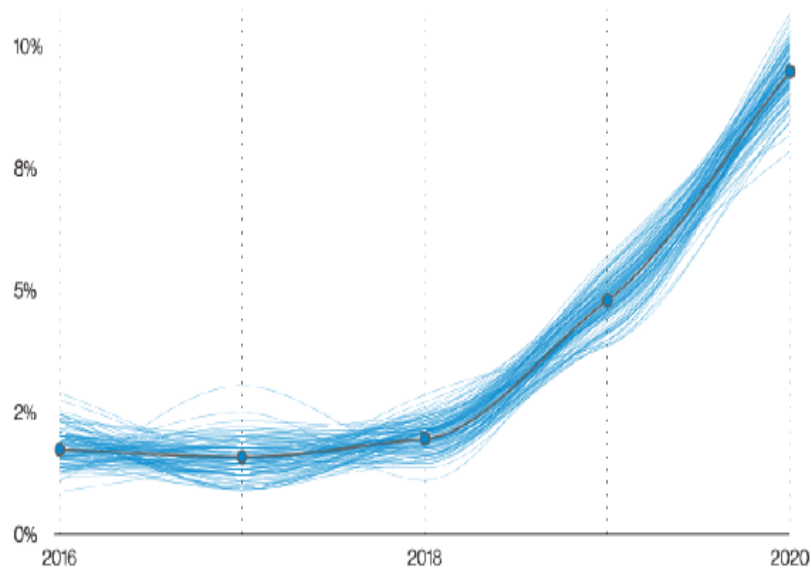
Cybersecurity Risks - Ransomware

Figure 83. Ransomware in breaches over time

Ransomware

❑ Upward Trend

❑ 10% of All Cyber Breaches

❑ FS-ISAC – "Amongst Largest Cybersecurity Threats"

❑ Shifted to Exfiltration of Sensitive Data

❑ Threats to Publicize Company Data

❑ Enabled by Cryptocurrency

Cybersecurity Risks – Supply Chain

Third party/supply chain risk will dominate threat landscape discussions

- **FS-ISAC Annual Cyber Threat Review (2021)**

Cybersecurity Risks –Business Email Compromise

Business Email Compromise

- 19,369 Complaints

- Adjusted Losses - Over $1.8 billion

- Targeted both businesses and individuals

*FBI Internet Crime Complaint Center - Internet Crime Report 2020

Information Security and Cybersecurity Assessment Program

Information Security and Cybersecurity Assessment Program

NCUA Maturity Assessment **+** NCUA Examination based on NCUA Rules

The Toolbox

Automated Cybersecurity Evaluation Toolbox
- Maturity Assessment
- Ransomware Readiness Assessment

The Toolbox

Cybersecurity Maturity

Domain	Maturity Level
Domain 1: Cyber Risk Management & Oversight	Baseline
Domain 2: Threat Intelligence & Collaboration	Baseline
Domain 3: Cybersecurity Controls	Baseline
Domain 4: External Dependency Management	Baseline
Domain 5: Cyber Incident Management and Resilience	Baseline

Information Security Examination Program

Information Security and Cybersecurity Assessment Program
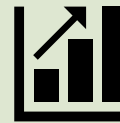
Information Security Examination Program

Guidance and Risk Alerts

FFIEC Information Technology Examination Handbook

Architecture, Infrastructure, and Operations

JUNE 2021

- **FFIEC Authentication Guidance**
- **Business Email Compromise Risk Alert**
- **FFIEC Architecture, Infrastructure and Operations (AIO) Handbook**
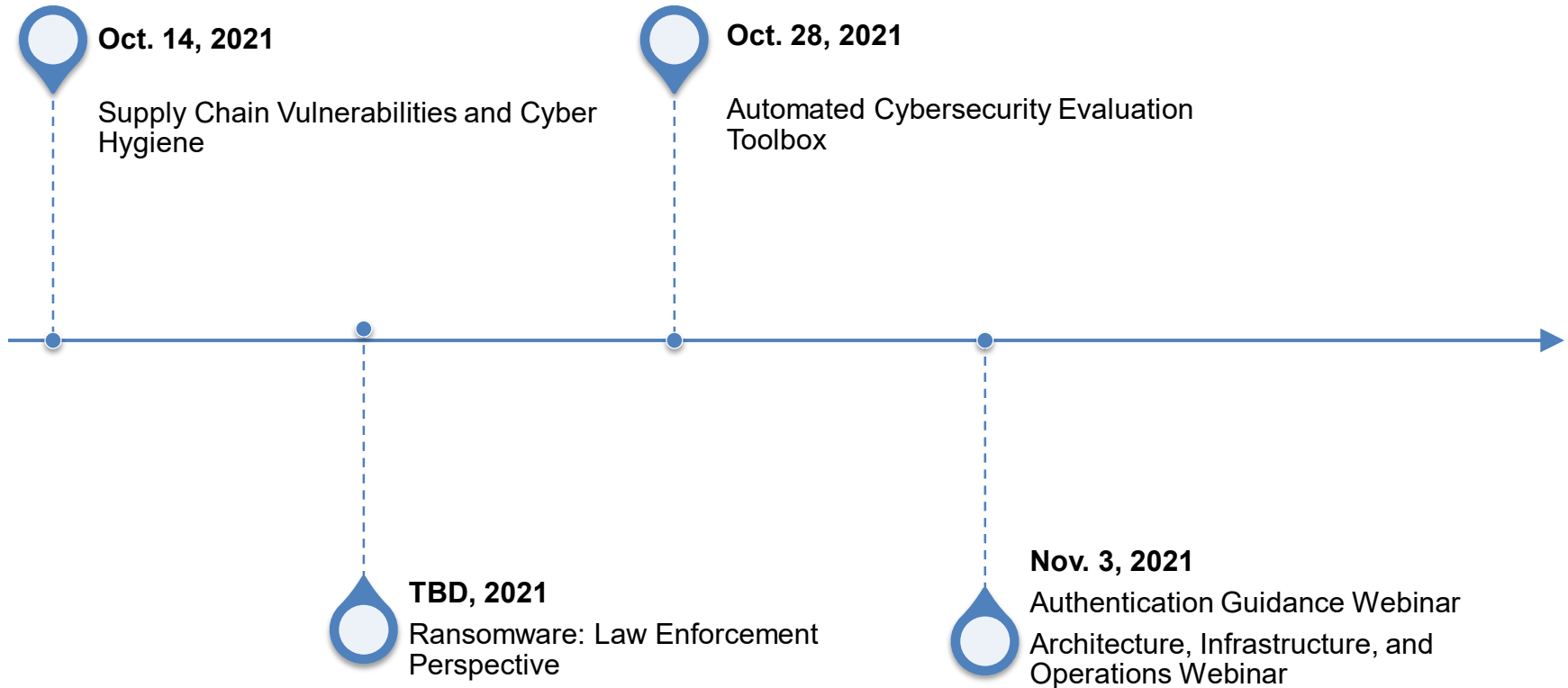
Cybersecurity Resources Webpage

UPDATING CYBERSECURITY RESOURCES WEBPAGE

PROVIDING ADDITIONAL CYBERSECURITY TOOLS AND RESOURCES

Industry Outreach

Oct. 14, 2021

Supply Chain Vulnerabilities and Cyber Hygiene

Oct. 28, 2021

Automated Cybersecurity Evaluation Toolbox

TBD, 2021

Ransomware: Law Enforcement Perspective

Nov. 3, 2021

Authentication Guidance Webinar

Architecture, Infrastructure, and Operations Webinar

Cybersecurity Resources Webpage

ncua.gov/cybersecurity

Office Contact Page

Office of Examination and Insurance

eimail@ncua.gov

(703) 518-6360