Cybersecurity Update
NH IT Council

Dan Dister

June 14, 2018

NH Cyber Exercise Program Project Status – May 2018

Objectives

- Identify gaps in cyber incident response capabilities
- Illuminate response and escalation triggers
- Train responders in response procedures
- Update and enhance the NH Cyber Disruption Plan

Benefits

- Strengthen State's cyber response preparedness
- Improve information-sharing, communications, coordination, and collaboration
- Reduce cyber attack impact to data, systems, and critical infrastructure

Cost

- Department of Homeland Security (DHS) grant funds in the amount of $120k were awarded to DoIT
- Fixed price contract with Hagerty Consulting
- Contract specifies cost per deliverable
- Project must be completed by June 30, 2018 due to grant funding expiration on August 31, 2018

Stakeholders

Sponsor Organizations:	DoIT and DoS-HSEM
Project Sponsor:	Denis Goulet
Project Manager:	Daniel Dister
Participants:	CAC; DoIT IT Leaders & ITSG; ACEPS Cyber; key managers and local/private representatives

Accomplishments

- Conducted the Functional Exercise (FE) on May 9th
- Developed FE After Action Report (ARR), Exercise Series Executive Summary, and Corrective Action Dashboard
- Presented FE Executive Briefing on May 31st
- Created updated draft CDP

Commentary

- IS-700, 100, and 200 training is a pre-requisite to participate in this exercise program
- Attendance at a Workshop and Tabletop is a pre-requisite to participate in the Functional Exercise

Project Status: Green

Issues/Risks

- No issues or risks were identified over the past month that affect the project objectives, schedule, or budget

Changes

- No changes to objectives, schedule, or any other aspects have impacted the project over the past month
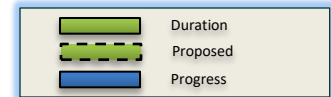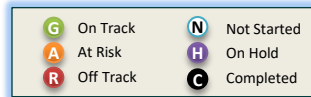
Timeline

G	On Track	N	Not Started
A	At Risk	H	On Hold
R	Off Track	C	Completed

Legend: Duration, Proposed, Progress

Project Milestone	Date	Status
1. Develop Project Plan & Schedule		C
2. Develop & Conduct Workshop (TEPW) #1	Sep 14	C
3. Develop & Conduct Tabletop (TTX) #1	Nov 16	C
4. Develop & Conduct Workshop (TEPW) #2	Dec 14	C
5. Develop & Conduct Tabletop (TTX) #2	Jan 11	C
6. Develop & Conduct Functional Exercise (FE)	May 09	C
7. Prepare & Present Final After Action Report	May 17	C
8. Prepare & Deliver Executive Briefing	May 31	C
9. Update & Enhance Cyber Disruption Plan	Jun 21	G
10. Project Closeout	Jun 21	G

Apr 2018	May 2018	Jun 2018
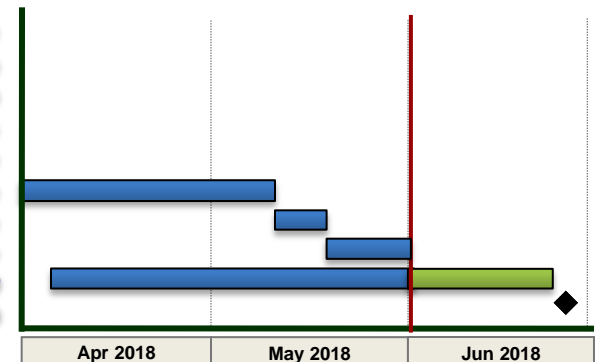
Functional Exercise Overview

- Goal of the Exercise Program*: Identify strengths and areas for improvement in response plans to enhance overall cyber awareness, preparedness, response, and recovery capabilities by testing the thoroughness and efficacy of existing response procedures and plans*

- Cyber Incident Response Exercise Program concluded with "*Granite Meltdown*" Functional Exercise on May 9th, 2018

- 96 Participants from State and Local Government and the Private Sector (21% of the participants were from Private Sector)

  - 24 State Agencies represented

  - Private Sector participants from financial, healthcare, energy, insurance, communication, and academia sectors

Functional Exercise Overview ...continued

Assessment of Objectives (FE):

🟨	Intelligence Gathering and Validation
🟩	Activation and Alert
🟨	Operational Guidance
🟨	Situational Awareness
🟥	Private Sector Engagement
🟨	Public Information and Warning

Cyber Disruption Plan Update

- Cyber Disruption Plan (CDP) was published in January 2014

- From the Draft CDP Introduction:

  "The CDP will provide an operational guide to responding to a cyber incident within the New Hampshire region and provides emergency management, information technology (IT), and other relevant stakeholders with a framework for communications, planning, and response aid in the response and coordination within New Hampshire in the event of a catastrophic cyber disruption."

- Update is a deliverable from the Exercise Program

- Extensive updates anticipated in:

  - Membership Structures and Roles

  - Incorporation of Emergency Support Function 19 (ESF-19)

  - Response Operations and Reporting

  - Communication Flows and Processes

  - Private Sector Engagement

Questions?