

NUARI

Norwich University Applied Research Institutes

Featuring



DECIDE® Energy by NUARI

MISSION

NUARI enables a resilient society through rapid research, development, and education in counterterrorism, cybersecurity, defense technologies, and information warfare.

- NUARI is a 501(c)(3) non-profit that serves the national public interest through the interdisciplinary study of critical national security issues.
- Partially funded by the Department of Homeland Security and the Department of Defense, and federally chartered under the sponsorship of Sen. Patrick Leahy.
- Co-located with Norwich University in Northfield, VT, and share their ideals of academic excellence, innovation, and service to country.

WHAT WE DO

Research and
Consulting

Defense Tech Institute
Cyber Ops Institute
Information Ops Institute

Secure
Situation
Center

Network Monitoring
Incident Response
Threat Detection

DECIDE
Platform

Evaluate current state
Org Resilience
Risk Management

Education
and Training

Workforce Dev
FEMA
Apprenticeships



DECIDE exercises simulate cyber-attacks for organizations and their partners to stress and test incident response plans, resulting in after action reports to improve strategic communication, compliance, risk, and overall resilience.

DECIDE exercises for the Energy sector are **fully funded** by the Department of Homeland Security through 2021.



Developed with funding from the Department of Homeland Security, the DECIDE platform has been a trusted cybersecurity live exercise solution for more than ten years.

- DECIDE equips organizations, critical infrastructure sectors, the military, and the government with the situational awareness, strategic communications capabilities, and digital response playbooks need to prevail against serious cyber threats.
- DECIDE brings actors from across sectors, geographies, and roles together into a distributed environment to participate in critical infrastructure exercises.

ORGANIZATIONS PREVIOUSLY SERVED

Massachusetts National Guard
Virginia National Guard
Washington National Guard

Current
Jack Voltaic 3.0
Cyber Yankee

RAYMOND JAMES





Figure 1.1: HSEEP Exercise Cycle

NUARI Approach

Functional or full-scale exercises

- Allow personnel to validate operational readiness and execute roles and responsibilities

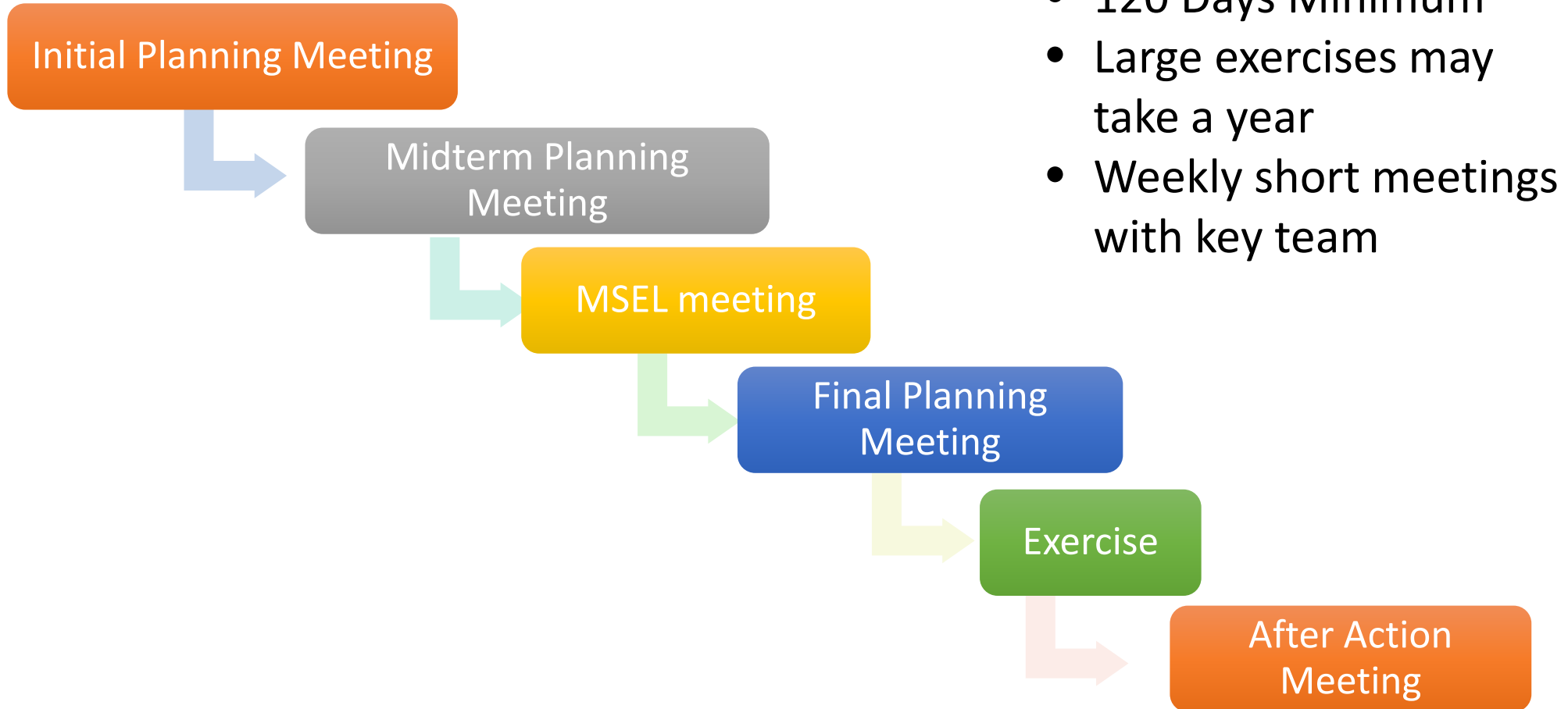
NIST Special Publication 800-84

- Exercises are required to maintain compliance
- Design functional exercise event; scope/objective

Homeland Security Exercise and Evaluation Program (HSEEP)

- Enhance consistency in exercises
- Capability based, objective driven
- Progressive planning approach
- Informed by risk

The HSEEP Planning Process



The DECIDE Gamespace

The screenshot displays the DECIDE Platform interface for the PNW Cyber Exercise Series (Telco). The interface is divided into three main panes: Communication, Information, and Action.

Top Bar: The top bar features the DECIDE logo, the exercise title "PNW Cyber Exercise Series (Telco)", and a timeline showing "Current" time (9:00 AM, Mar 20, 2019) and "Final Breakpoint Reached" (9:00 AM, Mar 20, 2019). A "New Questions!" notification is present.

Communication Pane: This pane contains an "INBOX" with 20 items and a "CHAT" section. Annotations indicate that the chat area is where participants can communicate and that the communication pane captures and exports all communications.

Information Pane: This pane displays various exercise-related information, including "WA OCS", "FBI", and "US Cert" alerts. Annotations highlight that this pane serves as an artifact/tile pane where information, communications, and questions are tracked.

Action Pane: This pane shows a list of questions, including "Question 1 - Controller" and "Question 2 - Controller". Annotations indicate that this pane is where questions are answered and that the "QUESTIONS" tab indicates questions to be answered.

EXERCISE IMPACT

LEADERSHIP – Command and Control

Hotwash and AAR's =

Identified Gaps in Impacted Areas

- Strategic Communications
- Business Risk
- Legal/Compliance
- Operating Efficiency and Accuracy Gaps

Creating Resiliency with Data!

Questions/Discussion



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