



Norges Overview Deck

June 2025

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<https://shelteredharbor.org>

SHELTERED HARBOR MISSION



To preserve public confidence in the financial system when a catastrophic event like a cyberattack causes an institution's critical systems - including backups - to fail.

2015 THE FORMATION OF SHELTERED HARBOR



- 24th November 2014 by "Guardians of Peace"
- Deployed a variant of the rare destructive "Shamoon wiper malware" that erased Sony's computer infrastructure
- All critical systems, including backups, failed
- Cost Sony \$35M in IT repairs
- Took 27 days to restore basic operations and several months to fully recover
- Key takeaway: Companies should make sure they're well-prepared to respond to attacks.

- The concept for "Sheltered Harbor" arose in 2015 as a result of a series of successful cybersecurity simulation exercises between public and private sectors known as the "Hamilton Series."
- A Hamilton Exercise simulated the Sony Pictures attack, where all critical systems, including backups, failed.
- Hamilton Series/exercise are run by US Treasury (quarterly) introducing stress points into the system to assess overall risks and remediation strategies.
- The conclusion of the exercises was that the financial services industry, and by extension, the U.S. economy, could be vulnerable if a cyber attack disables one or more financial institutions, it could lead to a loss of public confidence
- In response, leading financial institutions, national trade associations, core service providers, and clearing houses established Sheltered Harbor to promote the stability of the U.S. financial markets by protecting critical account information of market participants in order to maintain public confidence during such a scenario.



Hamilton Exercise



SHELTERED
HARBOR

Overview

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FOUNDERS AND BOARD MEMBER FIRMS

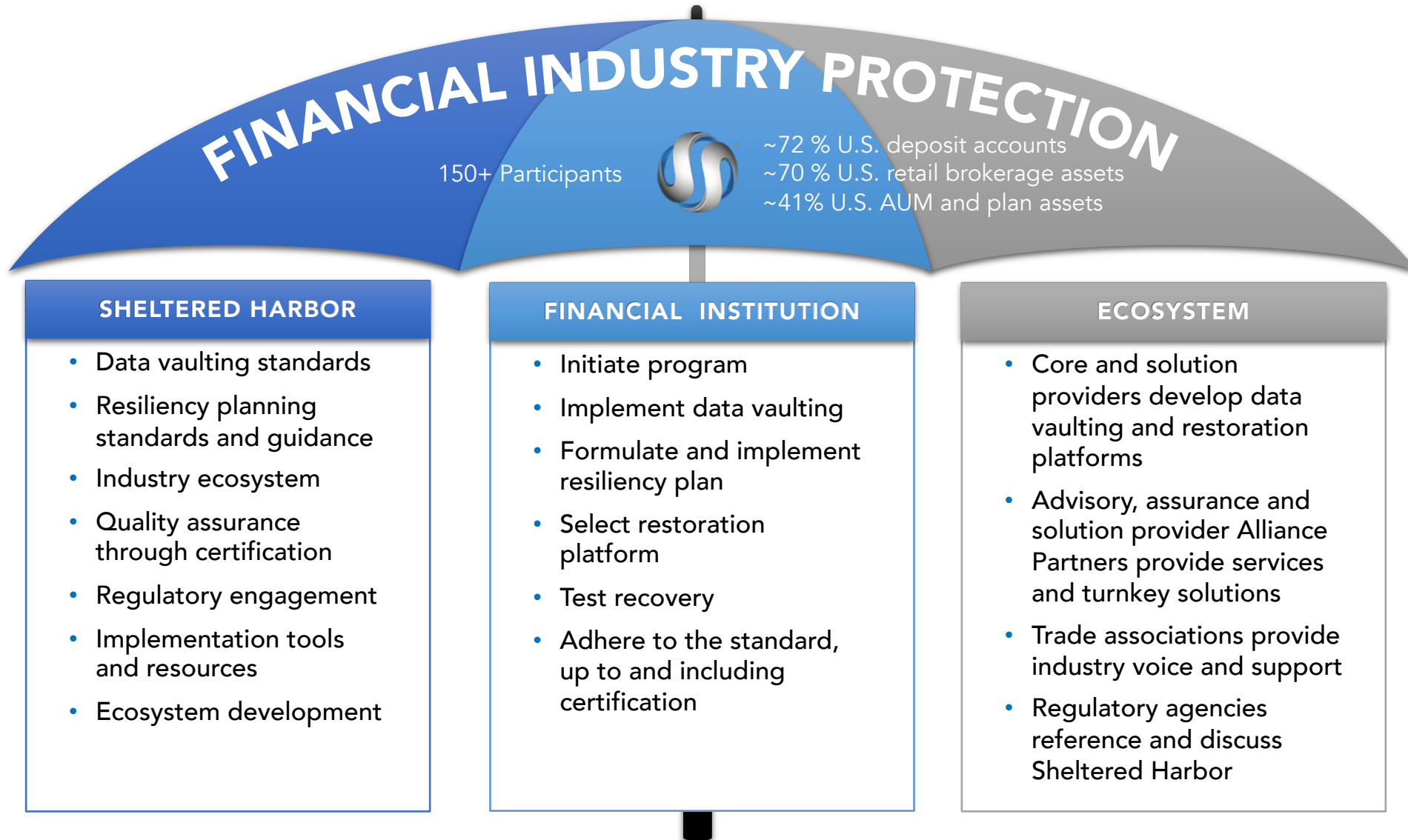


SHELTERED HARBOR

The *only* participant-driven, not-for-profit, industry-led organization founded to enhance the resilience and stability of the financial sector.

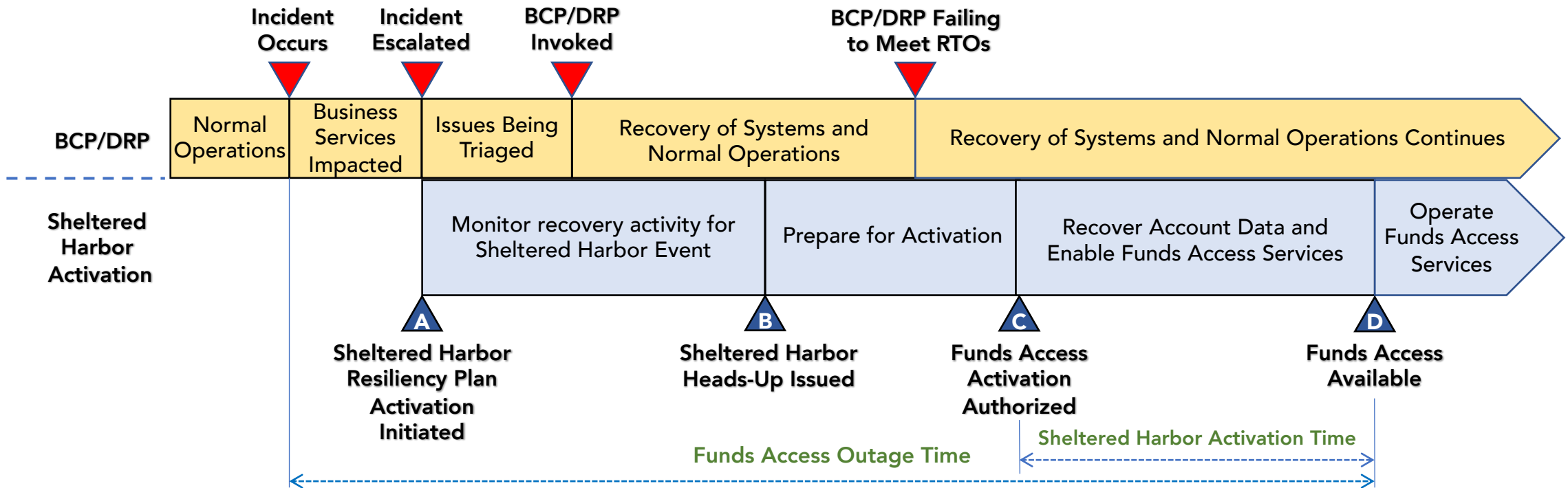


THE SHELTERED HARBOR COMMUNITY



PROMPT RECOVERY OF CRITICAL SERVICES

Not an objective of most traditional business continuity (BC) or disaster recovery (DR) plans



A successful Sheltered Harbor Resilience Plan will buy the organization the time it needs to complete a full business restoration

INDUSTRY RECOGNITION AND GUIDANCE

Recognized for **Data Protection** and **Resilience**

Regulators recognize
Sheltered Harbor as the
financial industry's
standards setting and
certification body for
cyber resilience

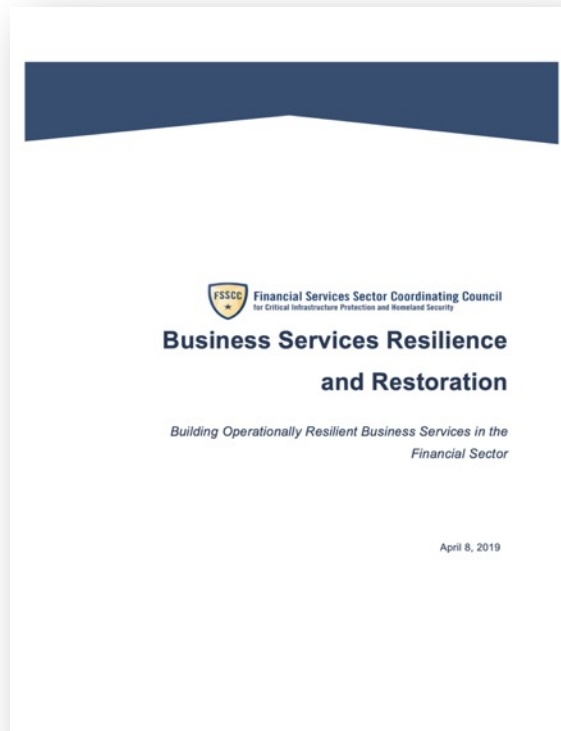


INDUSTRY RECOGNITION AND GUIDANCE

Recognized for **Data Protection and Resilience**

April 2019

Sheltered Harbor included in
**FSSCC Business Services Resilience and
Restoration Guide** (Pages 10-12)



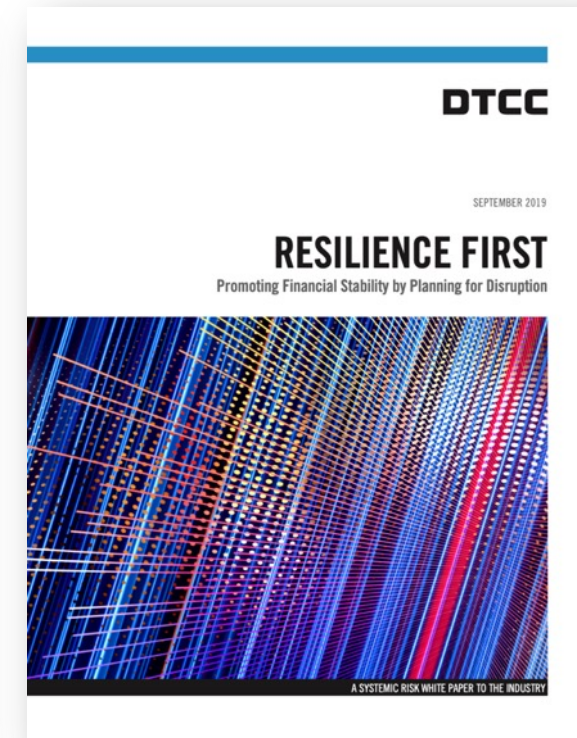
May 2019

Industry Trade Letter



September 2019

Sheltered Harbor included in
**DTCC Resilience First – A systemic risk
white paper to the industry** (Page 6)

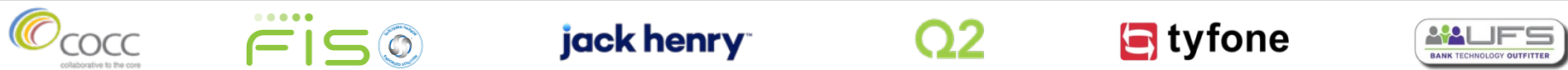


A GROWING SHELTERED HARBOR PARTNER ECOSYSTEM

We continue to expand the ecosystem to support the industry with a broad menu of options

SERVICE PROVIDER COMMUNITY

- Firms implement the Sheltered Harbor vaulting and data recovery standards within their organization, certify their adherence through independent audits (initially and annually thereafter), promote Sheltered Harbor participation to their clients and prospects, assist with enrollment and provide them with the services necessary to enable their participation in and implementation of the Sheltered Harbor Standard.



ALLIANCE PARTNER COMMUNITY

Advisory: Consulting Services	Solution Providers	Assurance: Audit Services	Marketing: "Brand Ambassadors"
<ul style="list-style-type: none">Firms promote Sheltered Harbor participation and support Participants with planning, implementation and Independent Control Readiness Assessments and Reviews, necessary for Sheltered Harbor Certification.	<ul style="list-style-type: none">Firms promote Sheltered Harbor participation and provide Participants with Sheltered Harbor validated turnkey Data Vaulting solutions, implementation and services to accelerate adoption efforts.	<ul style="list-style-type: none">Sheltered Harbor Qualified Assessor firms promote participation, provide Participants with Independent Control Readiness Assessments, Reviews and Attestation Services to complete their Sheltered Harbor Certification	<ul style="list-style-type: none">Firms create Sheltered Harbor awareness, promoting participation and adoption amongst their financial sector clients and prospects.

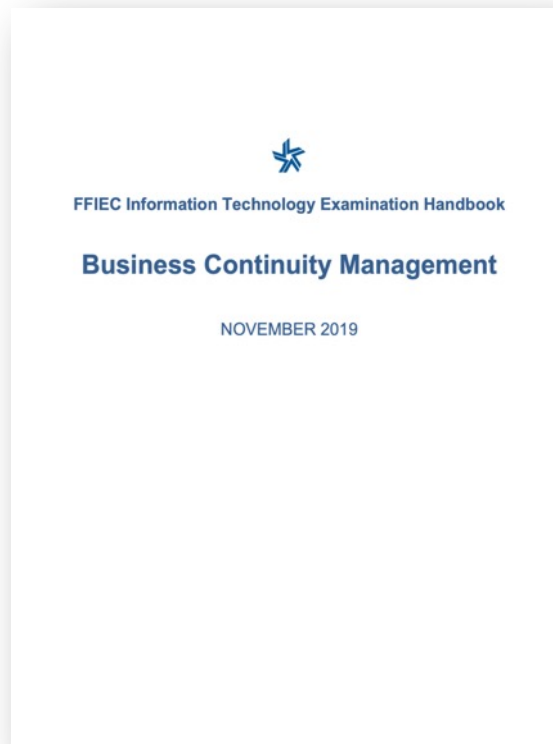


INDUSTRY RECOGNITION AND GUIDANCE

Recognized for **Data Protection and Resilience**

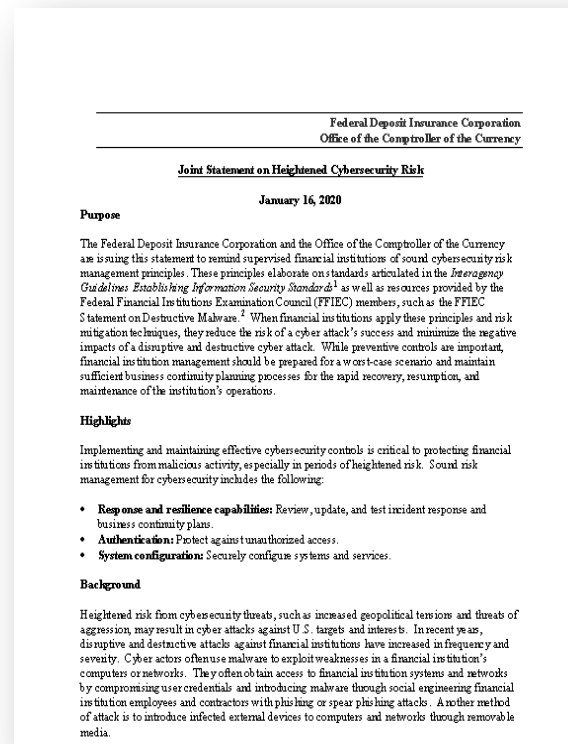
November 2019

Sheltered Harbor included in
FFIEC IT update to Examination Handbook and Examiner Work Program
(Page 21)



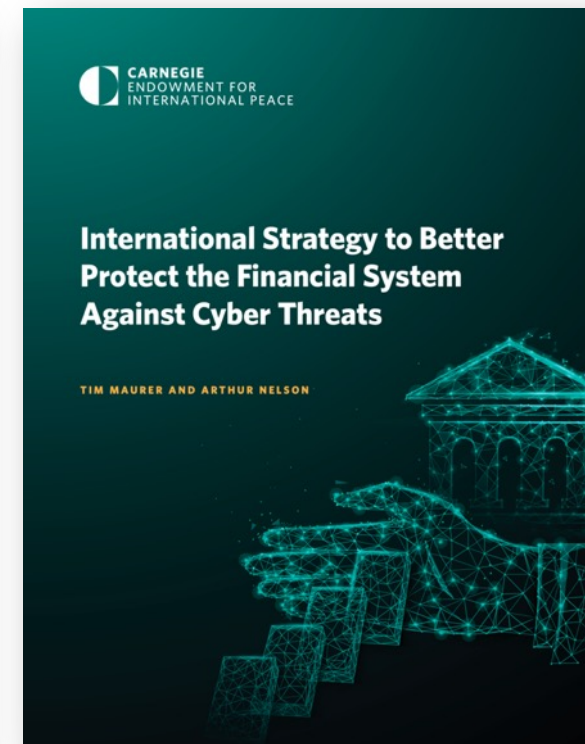
January 2020

Sheltered Harbor included in
FDIC/OCC Joint Statement on Heightened Cybersecurity Risk (Page 3)



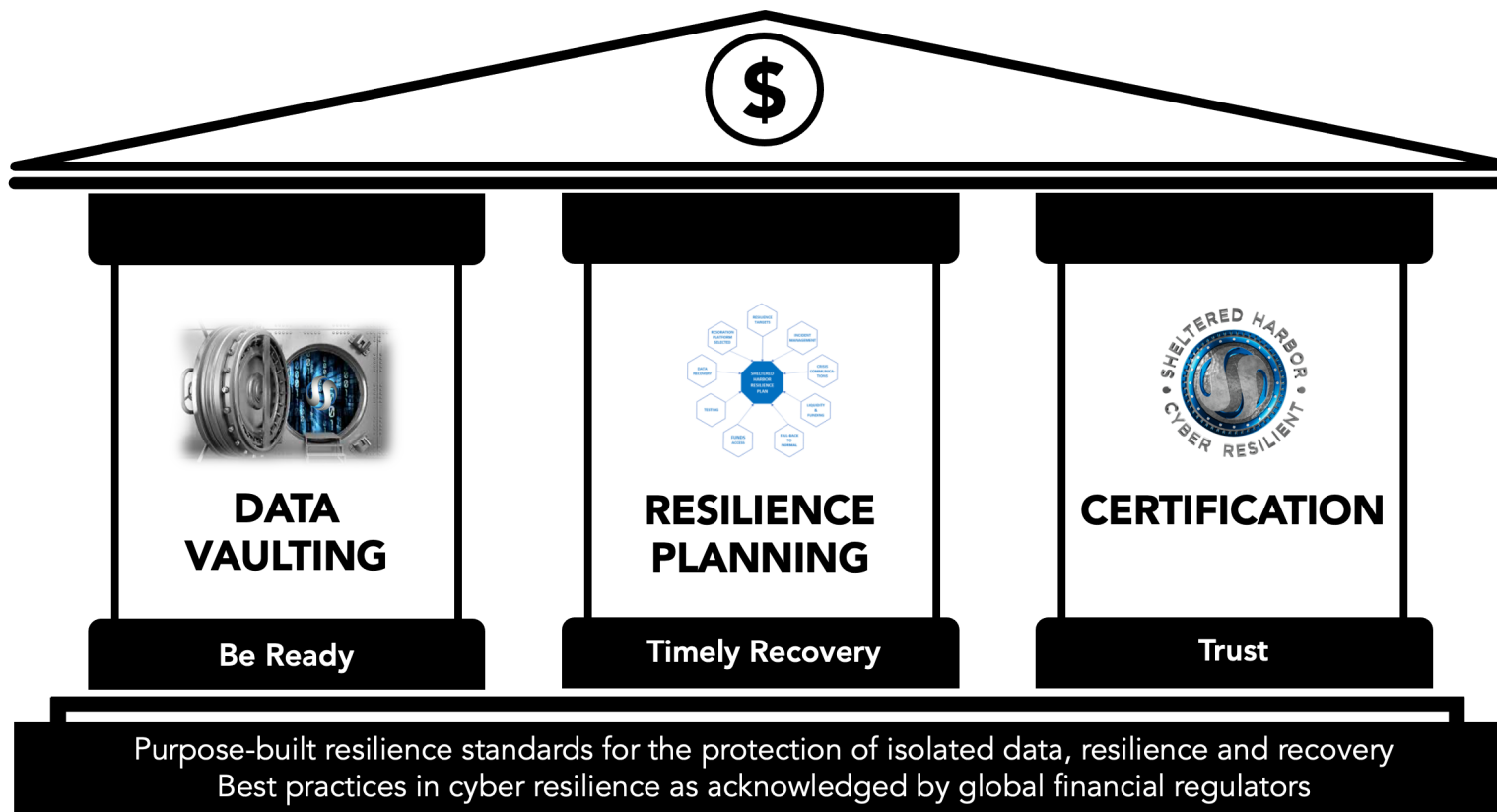
November 2020

Sheltered Harbor included in Carnegie's
'International Strategy to Better Protect the Global Financial System from Cyber Threats' Report' (Multiple Pages)



PROMPT RECOVERY BY DESIGN

Sheltered Harbor provides industry standards and certifications, enabling organizations to proactively plan for and recover from a crisis, like a devastating cyber attack. When all critical systems - including backups – have failed, it buys the organization time to recover normal operations. ***Preparation is key!***



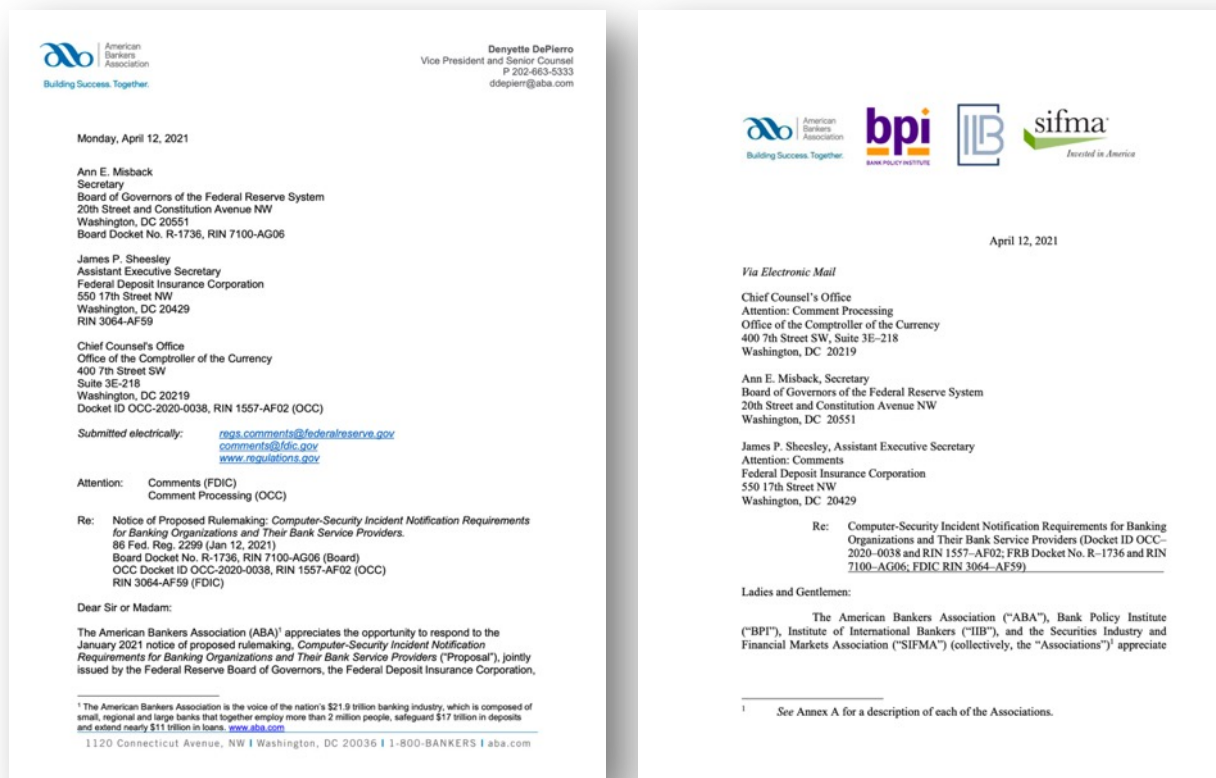
RESULT: Recovery of critical business services in a crisis and preservation of public confidence in the financial system.

INDUSTRY RECOGNITION AND GUIDANCE

Response to a Notice of Proposed Rulemaking (NPR) regarding Computer-Security Incident Notification Requirements for Banking Organizations and Their Bank Service Providers

April 2021

Sheltered Harbor included in
**ABA and the Joint Trade Associations comment letters submitted in response to the
Computer-Security Incident Notification NPR** (Page's 5 and 10)

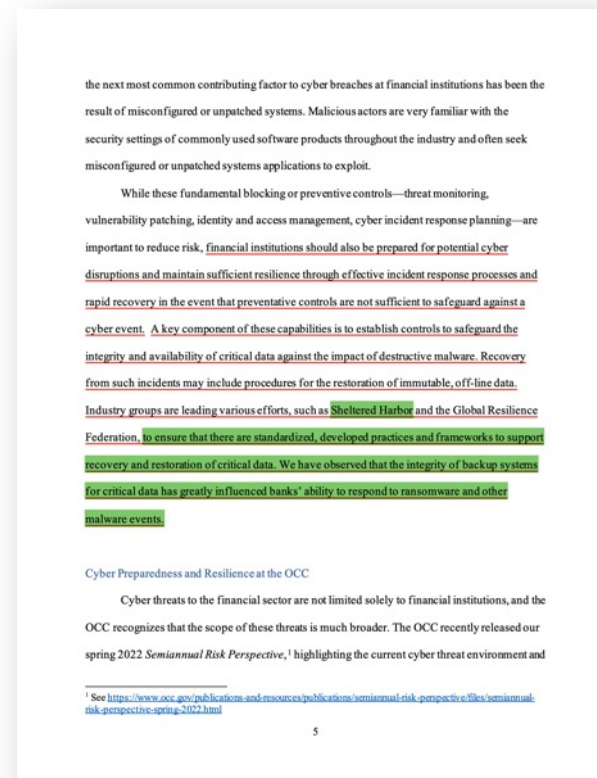
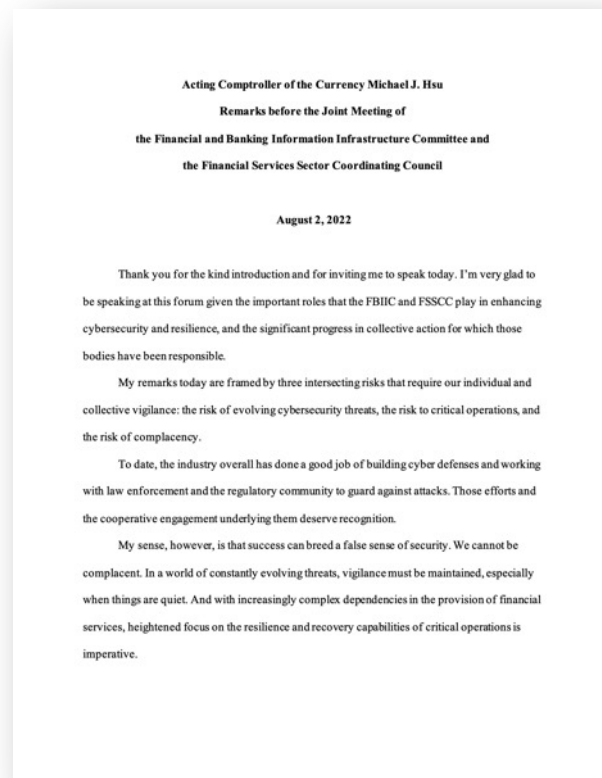


INDUSTRY RECOGNITION AND GUIDANCE

Recognized for **Data Protection and Resilience**

August 2022

Sheltered Harbor included in
[Office of the Comptroller of the Currency \(OCC\) News Release 2022-94](#), [Remarks](#) (Page 5)





DATA VAULTING

You must have a Sheltered Harbor certified cyber-resilient data vault.

Cyber Resilient

- Immutable, Isolated, Survivable, Accessible, Decentralized, Controlled by the financial institution

Secure Process

- Incoming data validated and malware-free, controls to ensure immutability, recovery tested

Prompt, zero-trust recovery platform

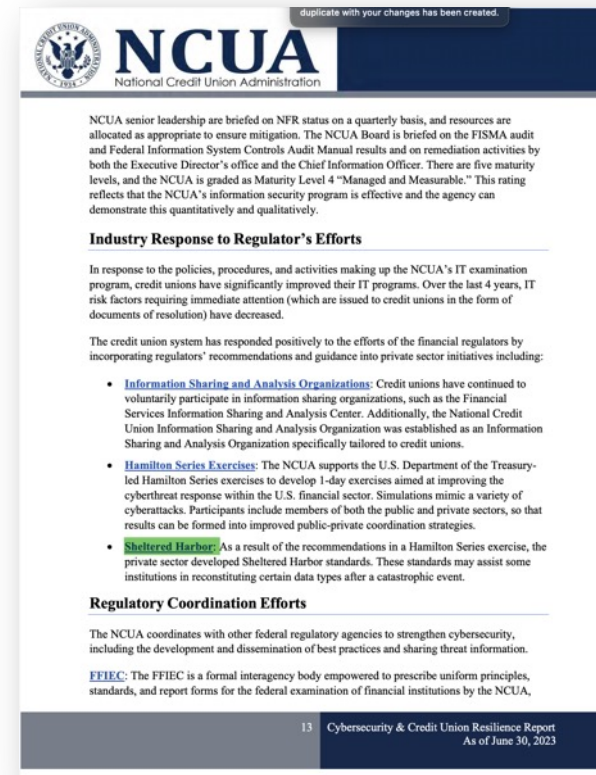
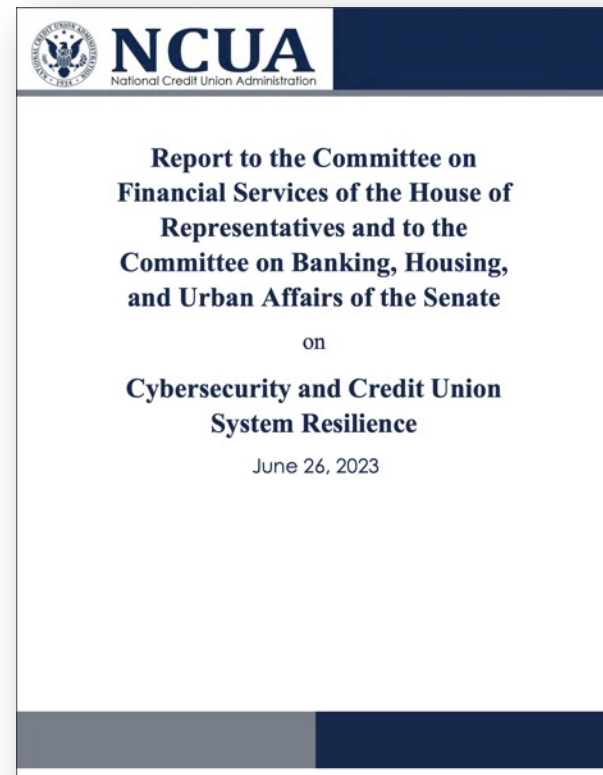
- Isolation is critical, distinct security zone, independently validated

INDUSTRY RECOGNITION AND GUIDANCE

Recognized for **Data Protection and Resilience**

June 2023

Sheltered Harbor included in
[NCUA Cybersecurity and Credit Union System Resilience Report, Industry Response to Regulator's Efforts](#) (Page 13)





RESILIENCE PLANNING

Enables *SPEEDY* recovery of critical business services.

Planning to become resilient is a team sport that requires everyone to react promptly as needed when all systems and data are unavailable. All their actions must have been:

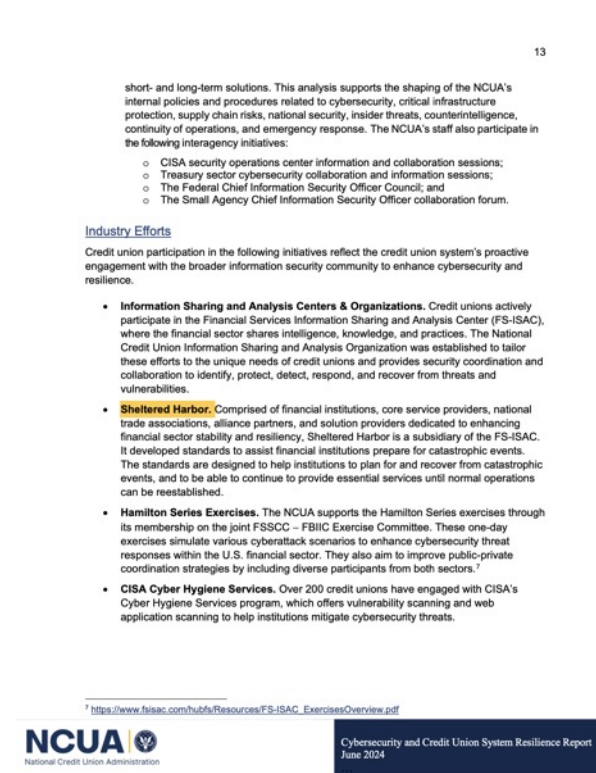
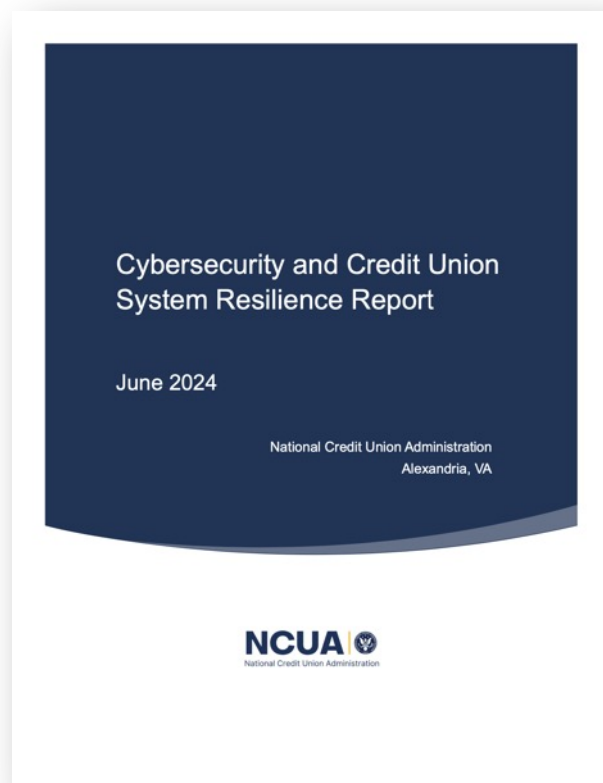
- Anticipated
- Planned
- Designed
- Implemented / Negotiated
- Tested
- Rehearsed
- Automatic ...

INDUSTRY RECOGNITION AND GUIDANCE

Recognized for **Data Protection and Resilience**

June 2024

Sheltered Harbor included in
[Cybersecurity and Credit Union System Resilience Report](#) – Industry Efforts (Page 13)



CERTIFICATION



TRUST

The organization has adopted the prescribed industry-developed safeguards and controls, which have been independently assessed for compliance. Critical data supporting key business processes will survive a destructive cyber event.

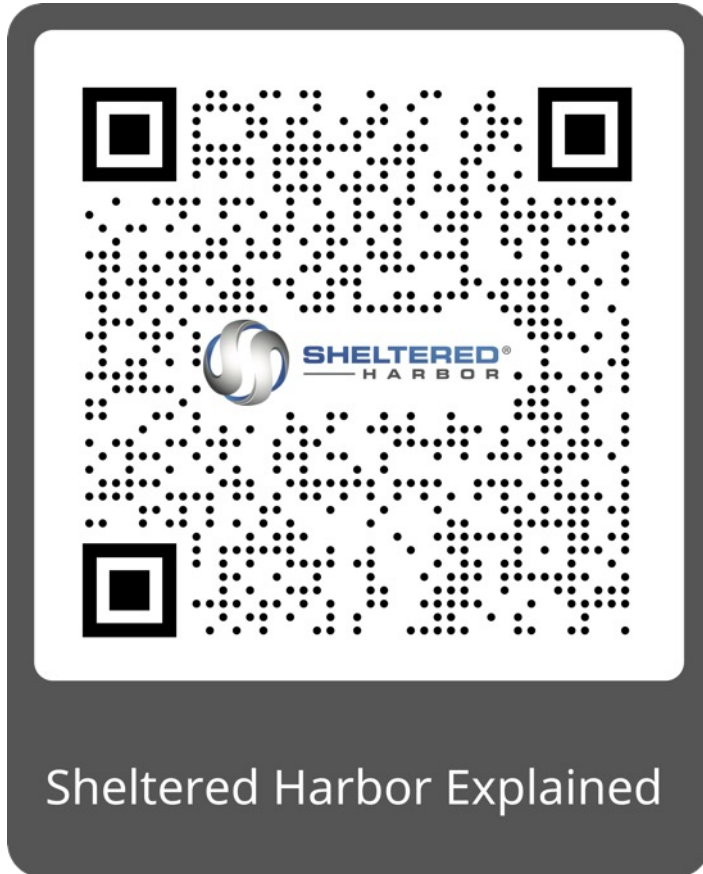


SUMMARY

SPEED OF RECOVERY is essential. **PREPARE NOW** to recover critical business services.

- **Collaboration** among peers expedites practical solutions that can be used today
- The concept of **minimum viable operation** must be incorporated in the recovery strategy
 - It narrows the scope (and therefore the timeline) for what needs to be recovered, and in what sequence
 - It also keeps a broad population focused on a commonly recognized, valuable objective
- **Public-Private Partnership** is essential to ensure that all perspectives are reflected in a common/standardized approach.
 - Regulations support achievable and measurable objectives, where necessary
 - Examinations monitor with support from industry developed standards
- **Institutions** are responsible for their resilience in accordance with their own risk tolerance and business priorities

LEARN MORE ABOUT SHELTERED HARBOR AND FOLLOW US ON SOCIAL MEDIA





A SHELTERED® — HARBOR IN A CYBER STORM

GET PREPARED

- Join Sheltered Harbor to access its resources
- Start planning your resiliency approach
- Vault your critical data
- Validate the data from your vault and get Data Protected and/or Vaulting Process Certified
- Define how you want your customers to experience such a devastating event
- Select your restoration platform
- Test and exercise your resilience plan
- Get your organization Resilience Certified

