



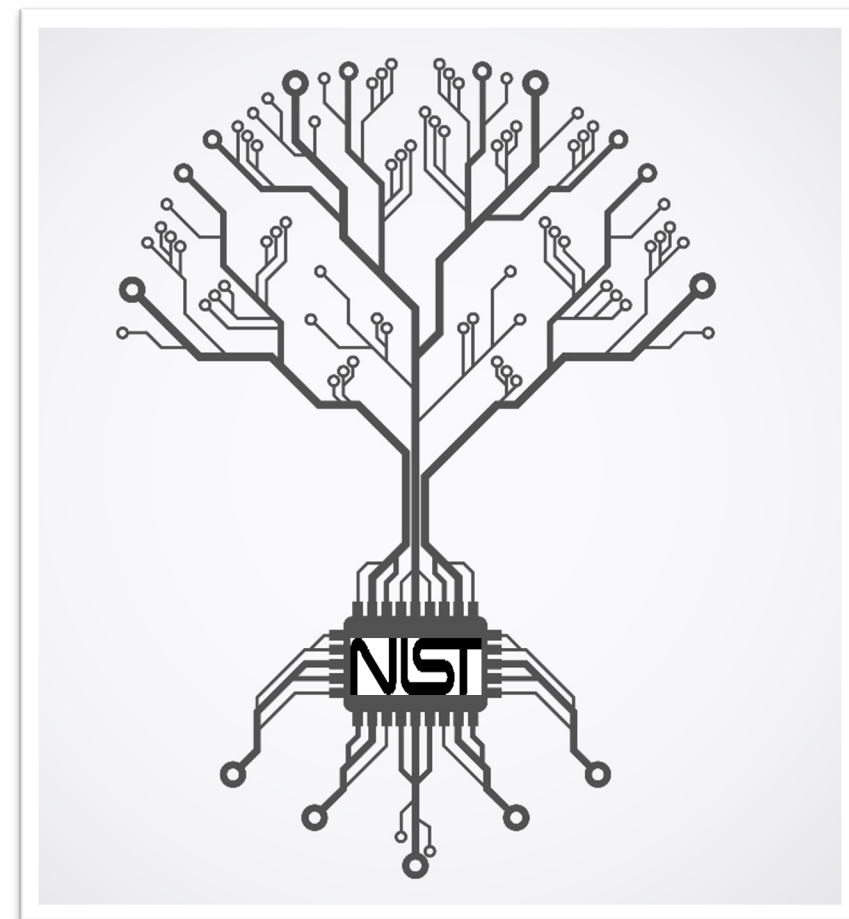
National Committee on Vital and Health Statistics

Kevin Stine, NIST

July 14, 2021

Cultivating Trust

We cultivate trust in technology by advancing cybersecurity and privacy standards, technology, and measurement science.



From Innovation to Adoption...

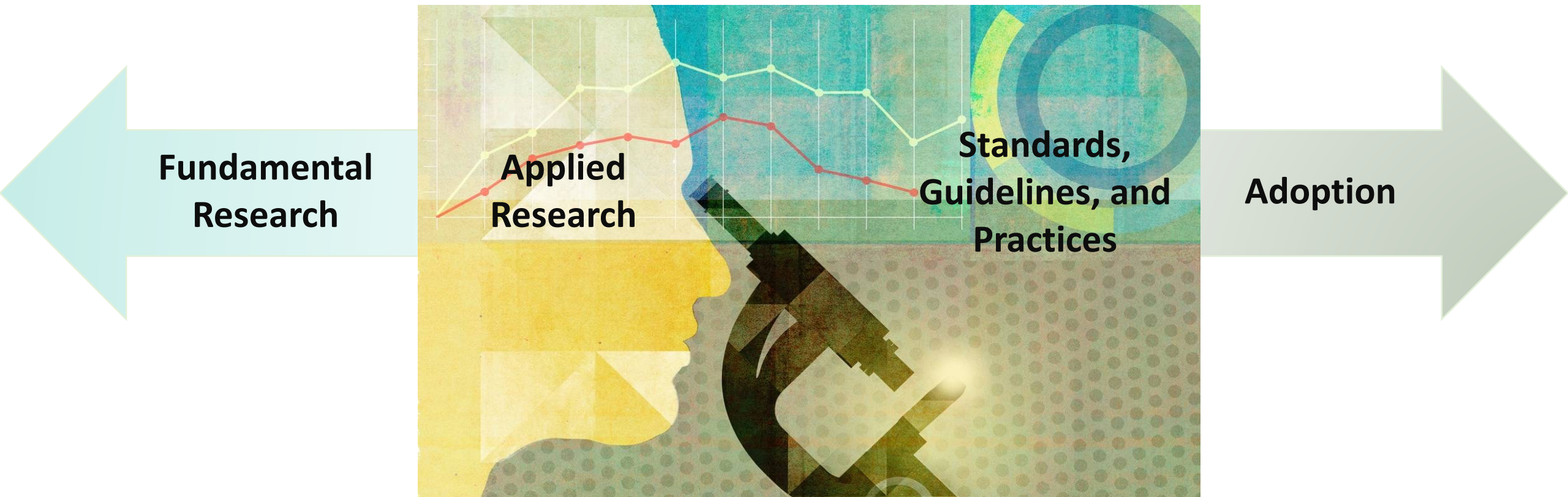
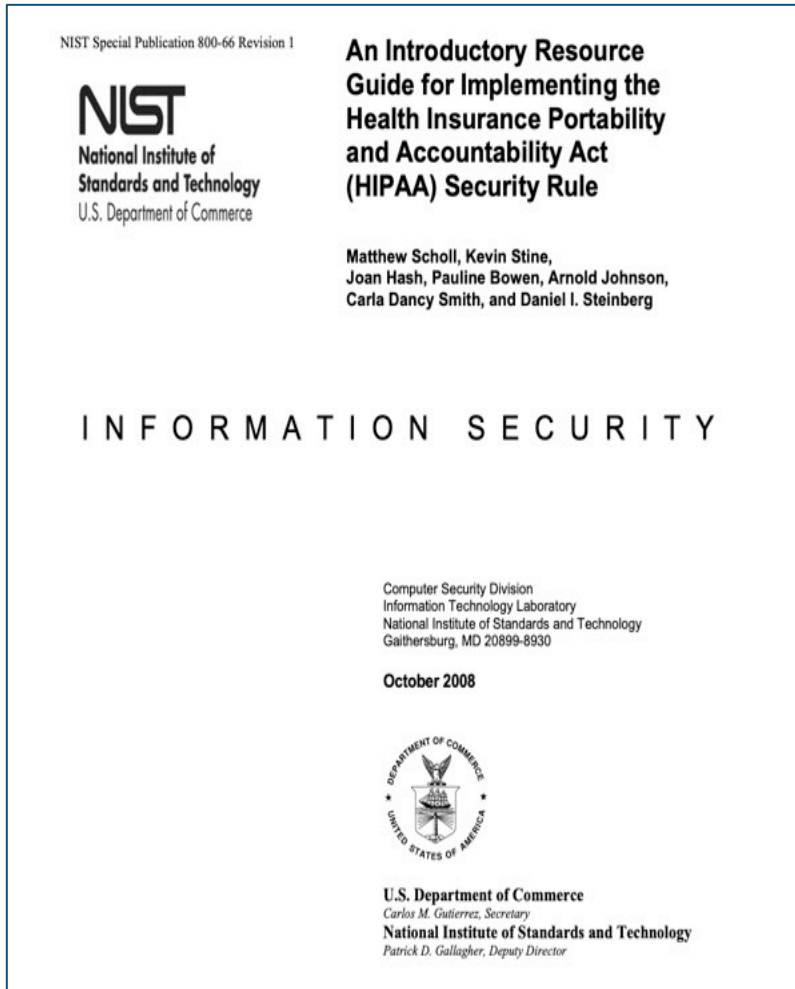


Image Credit: wsj.com



Updating Foundational Healthcare Guide



- NIST Special Publication 800-66 Revision 1, *An Introductory Resource Guide for Implementing the HIPAA Security Rule*
- Objectives
 - Educate readers about cybersecurity terms used in the HIPAA Security Rule,
 - Amplify awareness of NIST and non-NIST cybersecurity resources relevant to the HIPAA Security Rule, and
 - Provide information to support implementation for covered entities and business associates.
- Pre-draft call for comments closed 7/9/21

<https://csrc.nist.gov/publications/detail/sp/800-66/rev-2/draft>

Practical Example Cybersecurity Solutions

NIST SP 1800-1: Securing Electronic Health Records on Mobile Devices

NIST SP 1800-8: Securing Wireless Infusion Pumps (WIP) in Healthcare Delivery Organizations

WIP DEMO VIDEO: https://youtu.be/5XMILRdx_AE

NIST SP 1800-24: Securing Picture Archiving and Communications Systems

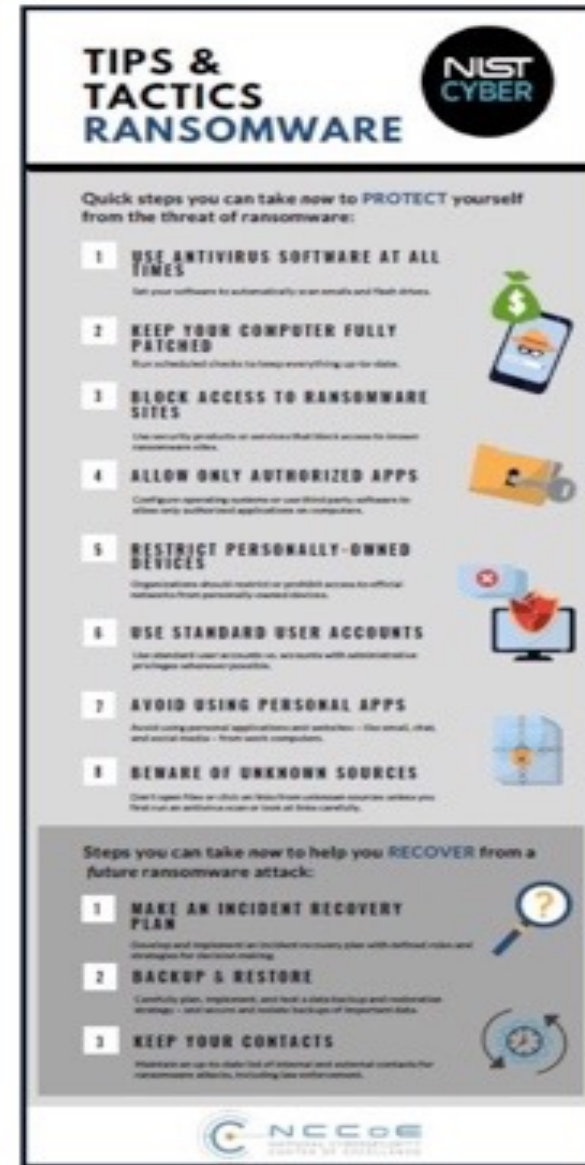
NIST SP 1800-30: Securing Telehealth Remote Patient Monitoring Ecosystem



Ransomware Protection and Response

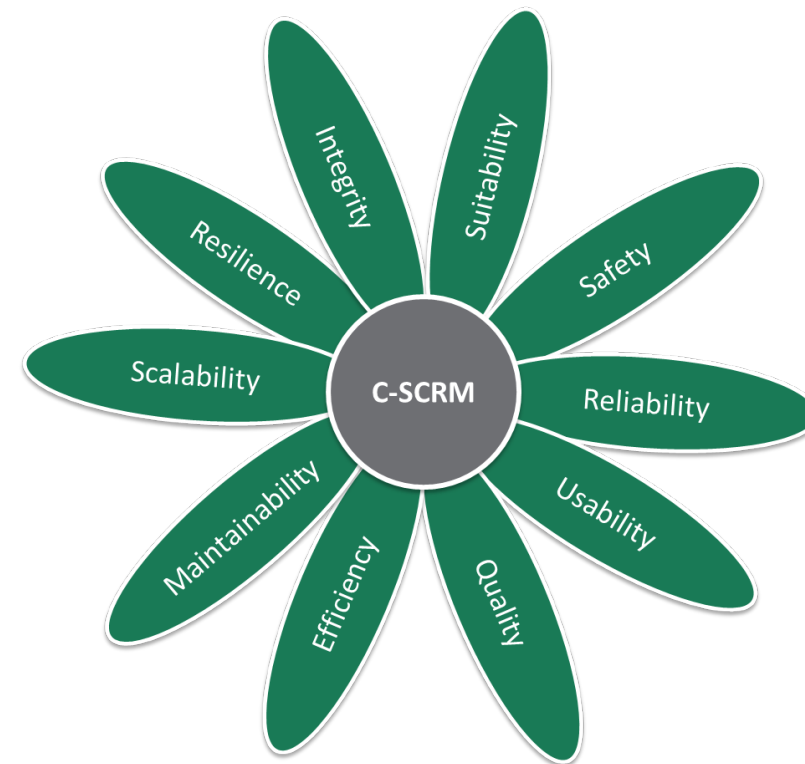
- Improving our protection against ransomware attacks, and ability to respond to ransomware incidents
- Opportunities:
 - Comment on Preliminary Draft CSF Profile for Ransomware Risk Management
 - Participate in 7/14 NCCoE workshop on *Preventing and Recovering from Ransomware and Other Destructive Cyber Events*

<https://csrc.nist.gov/projects/ransomware-protection-and-response>



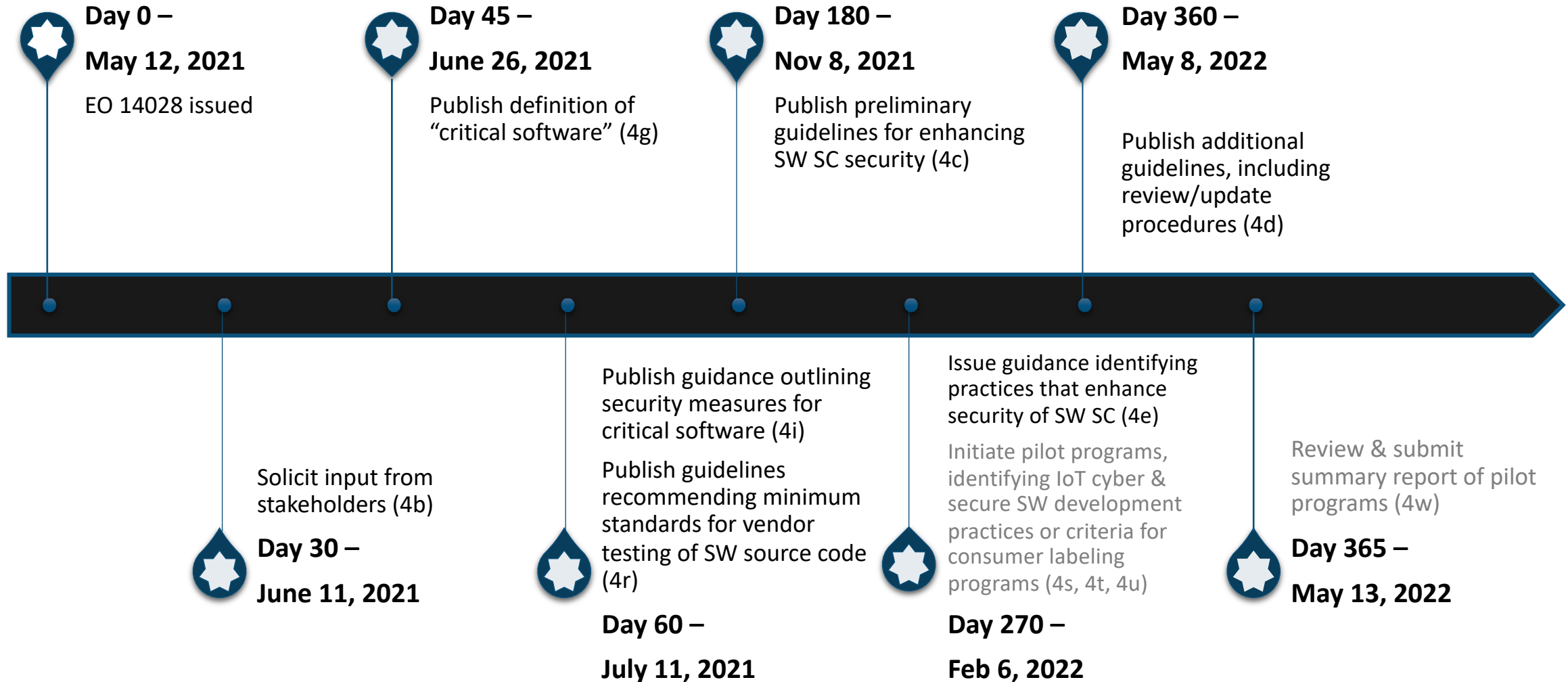
Cyber Supply Chain Risk Management

- Helping organizations to manage the increasing risk of cyber supply chain compromise, whether intentional or unintentional.
- Opportunities:
 - Comment on future draft of SP 800-161, *Cyber Supply Chain Risk Management Practices for Systems and Organizations*



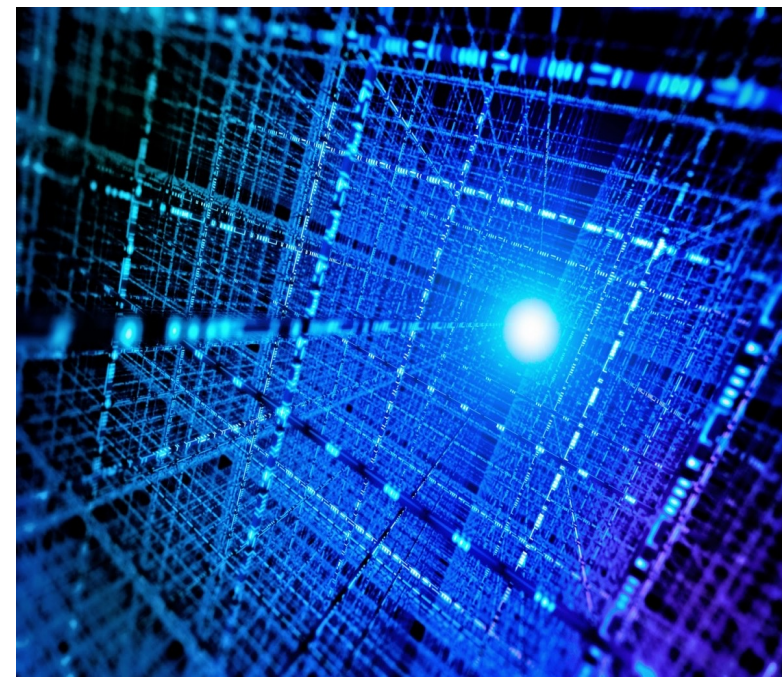
<https://csrc.nist.gov/projects/ransomware-protection-and-response>

EO 14028: Improving the Nation's Cybersecurity



Prepare for Migration to Post-Quantum Cryptographic Algorithms

- Raise awareness to the issues involved in migrating to post-quantum algorithms
- Develop practices to ease migration from current public-key algorithms to replacement algorithms that are resistant to quantum computer-based attacks.
- Opportunities:
 - Review NCCoE project on *Crypto Agility: Considerations for Migrating to PQC Algorithms*



<https://www.nccoe.nist.gov/projects/building-blocks/post-quantum-cryptography>

Engage with us!

- Provide **Comments** on NIST Publications
- Contribute through **Forums** and **Communities of Interest**
- Attend **Events**
- Conduct **Joint Research**
- Participate in **Standards Development**
- Follow us on **Social Media**



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<https://www.nist.gov/cybersecurity/cybersecurity-privacy-stakeholder-engagement>

