The NIST Controlled Unclassified Information Series

SP 800-171, 800-171A, 800-172 and 800-172A

NIST INFORMATION TECHNOLOGY LABORATORY

Software & Supply Chain Assurance Forum
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Agenda

- The CUI Series: Overview and Development
- Pre-Call for Comments on the CUI Series & Analysis
- Looking Ahead
- Resources and Q&A

The NIST CUI Series

Protecting Controlled Unclassified Information (CUI) in Nonfederal Systems and Organizations

CUI Security Requirements	Assessment Procedures for CUI Security Requirements	Enhanced Security Requirements for Protecting CUI	Assessment Procedures for Enhanced Security Requirements
Protect the **confidentiality** of CUI in nonfederal systems and organizations	Assessment methodology and procedures for the SP 800-171 CUI security requirements	Supplement to SP 800-171 to address **advanced persistent threat** in critical programs and high value assets	Assessment procedures for the SP 800-172 enhanced security requirements

The Development of the CUI Series

2013 | 2015 | 2016 | 2018 | 2020 | 2021 | 2022

2013
NIST, DOD and NARA begin work on what will become SP 800-171

June 2015
SP 800-171 published*

Dec 2016
SP 800-171 Rev. 1 published*

SP 800-171 Rev 1. added requirement for & guidance on system security plans

June 2018
SP 800-171A published*

Draft SP 800-171A introduced "Discussion" section for each CUI security requirement

Feb 2020
SP 800-171 Rev. 2 published*

SP 800-171 Rev. 2 included "Discussion;" no substantive changes to requirements

Feb 2021
SP 800-172 published*

SP 800-172 allowed the federal agency to select which enhanced security requirements apply

March 2022
SP 800-172A published*

April 2022
CSV & spreadsheet of SP 800-171 series published (requirements & assessment procedures)

2013
Safeguarding of Unclassified Controlled Technical Information DFARS published

2015
DFARS rule revised to cite SP 800-171 and apply broadly to DOD CUI

2016
NARA CUI Federal Rule (32 CFR 2002) published

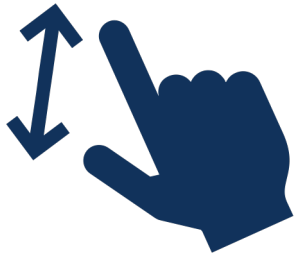
2018
NIST, in collaboration with NARA and DOD, held workshop on CUI Security Requirements

2019
DOD announced creation of the CMMC

2021
DOD announced CMMC 2.0

*Note dates shown indicated final publication; NIST issued draft(s) for public comment prior to each final publication

2022 pre-draft call sought feedback on

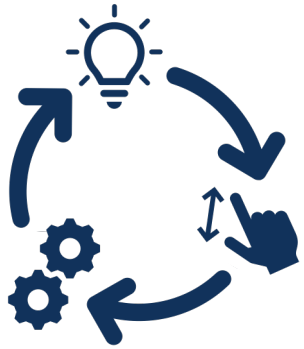


Use of the CUI Series

- Current use of the CUI series alone or with other frameworks and standards
- How to improve alignment
- Benefits and challenges

Updates for Consistency with SP 800-53 Rev 5

- Impact on usability and existing implementations



Updates to Improve Usability and Implementation

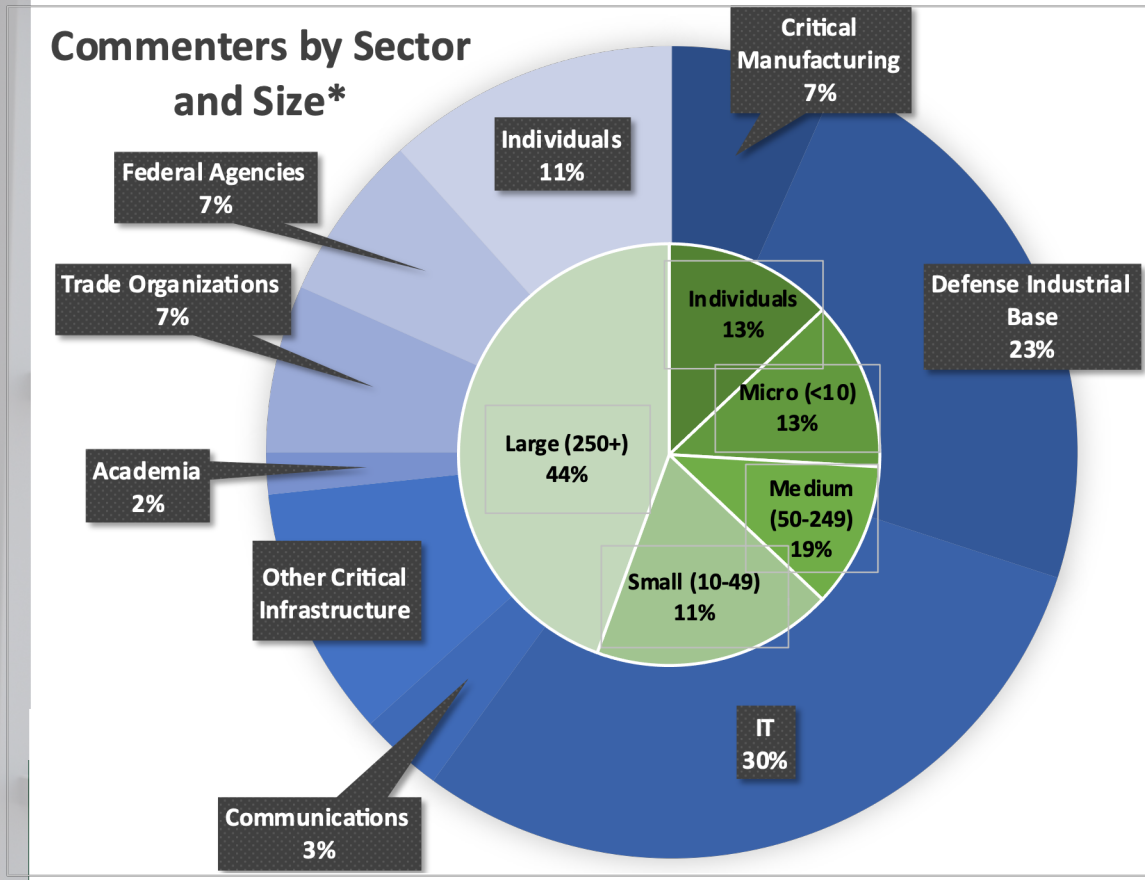
- Features to change, add, or remove
- Any additional ways to improve

https://csrc.nist.gov/publications/detail/sp/800-171/rev-3/draft

Analysis of Comments

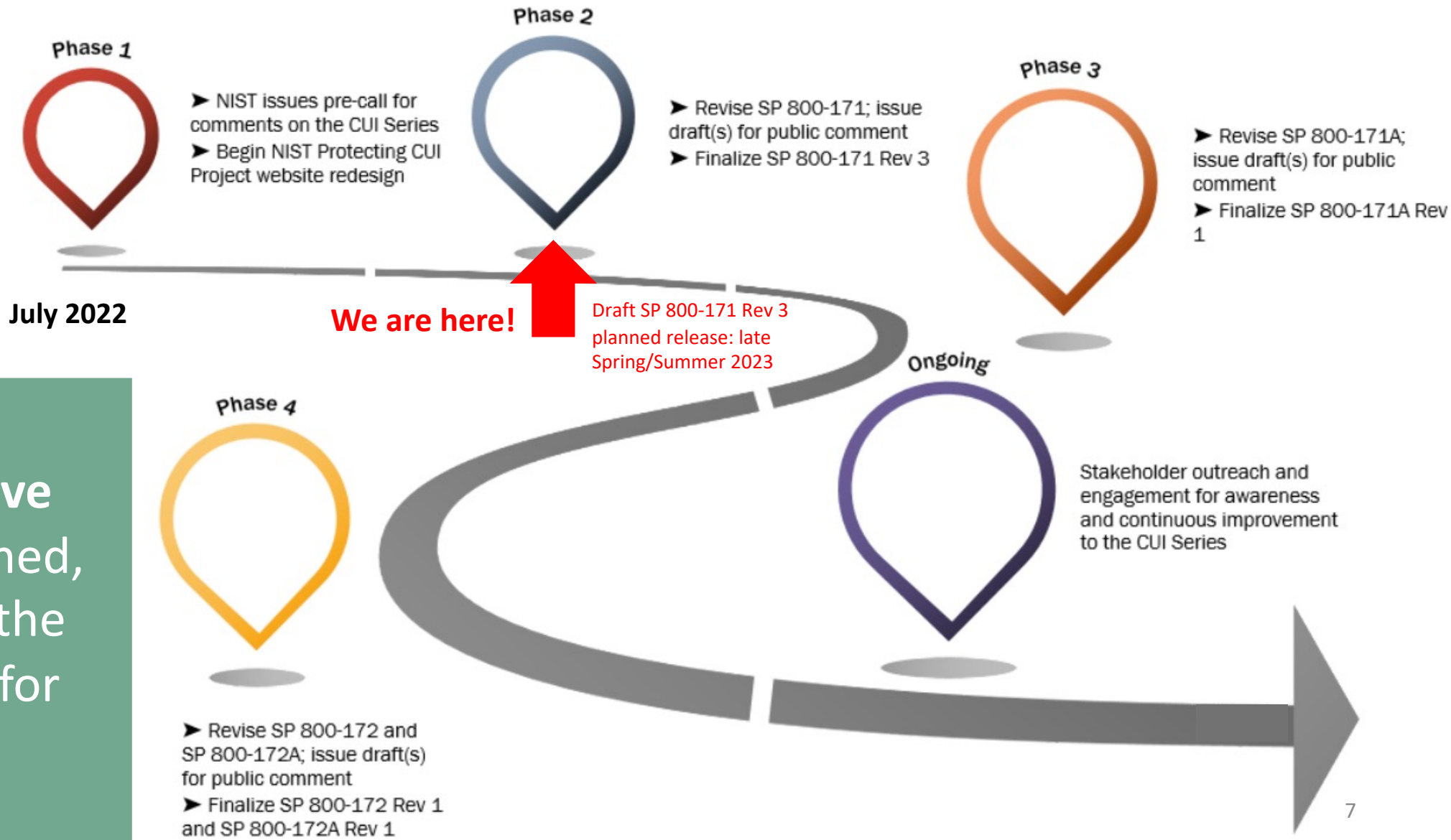
- ✓ **Current Use of CUI Series**
- ✓ **Alignment, Opportunities & Features to Change, Add, and/or Remove**
- ✓ **Comments/edits on specific requirements**
- ✓ **Next Steps**

https://csrc.nist.gov/publications/detail/sp/800-171/rev-3/draft



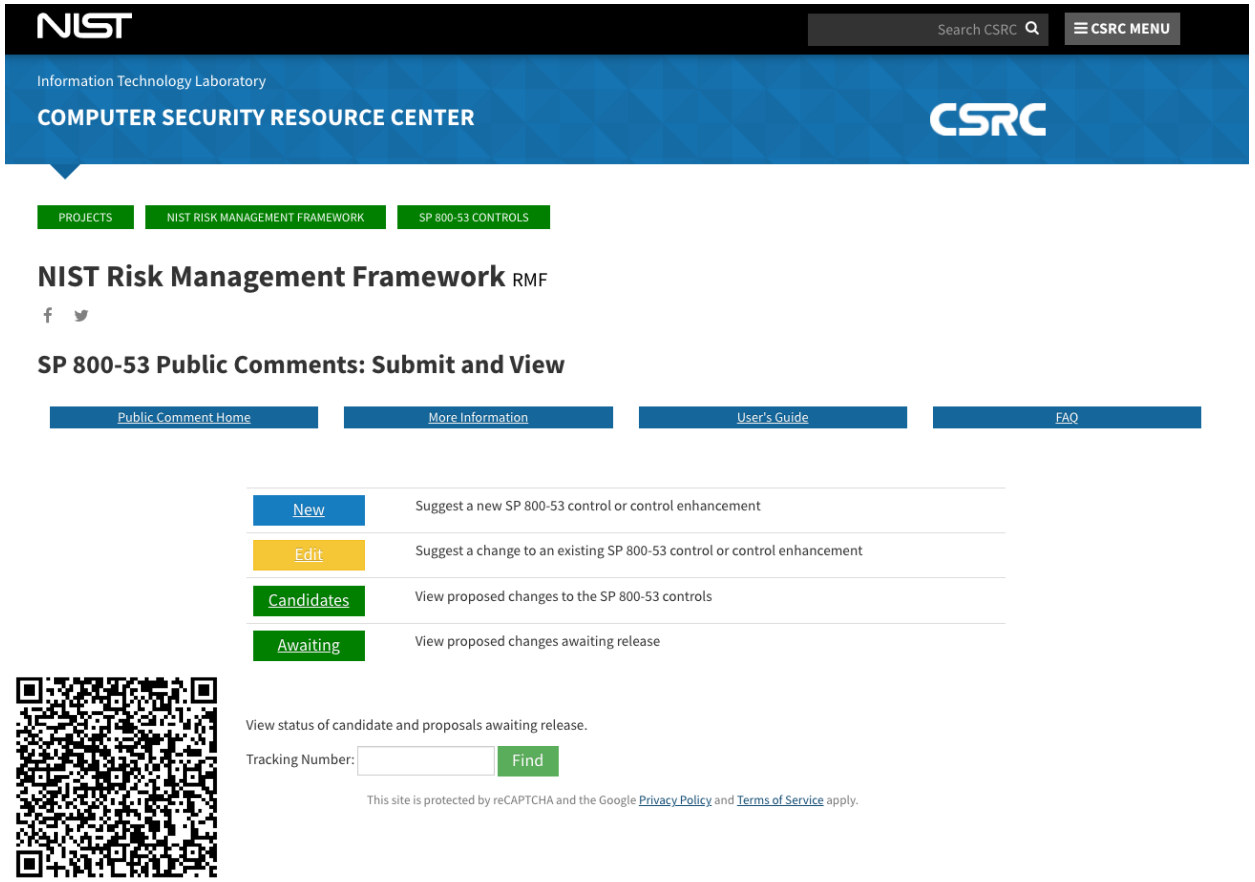
- 90 day comment period (July-Sept 2022)
- 60+ individuals and organizations
- Summary & Analysis of comments posted Nov 2022

Looking Ahead for the CUI Series



Comprehensive updates planned, starting with the pre-draft call for comments

Future Revisions of NIST SP 800-53



https://csrc.nist.gov/Projects/risk-management/sp800-53-controls/public-comments

SP 800-53 controls, baselines, and assessment procedures* as a **machine-readable & web-based data set**

Suggest new controls, improve existing controls anytime.

Comment on draft controls and see feedback from others.

Receive status updates on your comments!

Preview planned changes in next revision.

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STAY IN TOUCH

CONTACT US

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