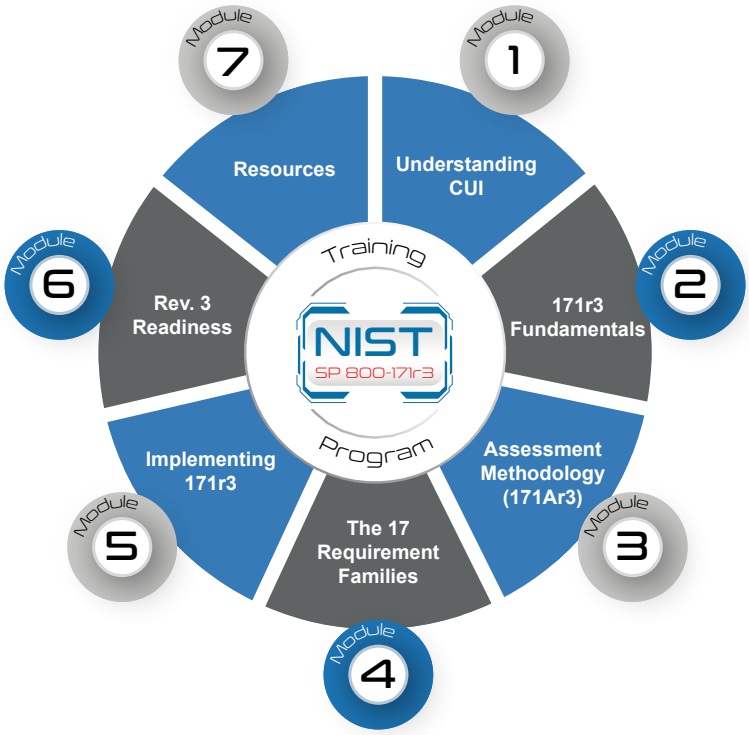
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Summary

- Understand what Controlled Unclassified Information (CUI) is, who governs it, and how NIST SP 800-171r3 and SP 800-171Ar3 work together to protect its confidentiality in nonfederal systems.
- Learn every requirement family, how Organization-Defined Parameters (ODPs) complete each requirement, and how assessors evaluate implementation using determination statements.
- Build a practical Rev. 3 readiness plan (scoping, SSP, POA&M and self-assessment) while assessing against the revision your contract requires.

Training Program



Learning Objectives

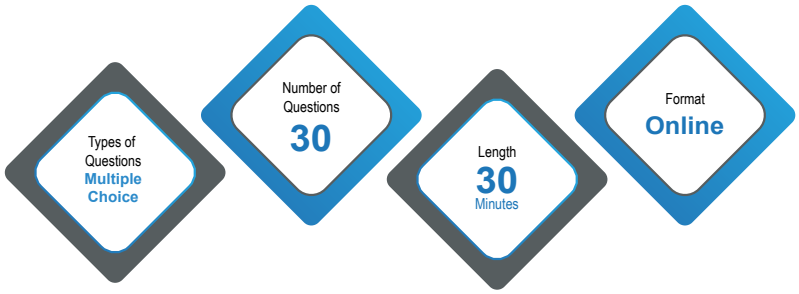
A practical approach to implementing, assessing and preparing for NIST SP 800-171 Revision 3

- Explain CUI, the confidentiality focus of SP 800-171, and the roles of NARA, NIST, federal customers and contractors.
- Describe how SP 800-171r3 was tailored from the SP 800- 53B moderate baseline and what changed from Rev. 2.
- Define and document ODPs, and trace each requirement to its SP 800-171Ar3 determination statements.
- Apply the four-phase assessment process: prepare, plan, conduct, and analyze & report.
- Scope CUI environments and build a strong SSP and POA&M for Rev. 3 readiness.

Intended Audience

- Defense contractors and subcontractors that process, store or transmit CUI
- Small and medium-sized business leaders who manage NIST SP 800-171 implementation
- Security, compliance and risk management professionals
- IT, MSP and system administrators supporting CUI environments
- Internal assessors preparing self-assessments or working with external assessors
- CMMC candidates (CCP/CCA) and RPO consultants

Exam Specifications



Module Exam Weight

#	Module	Exam Weight
1	Understanding CUI	13%
2	171r3 Fundamentals	17%
3	171Ar3 Assessment Methodology	17%
4	The 17 Requirement Families	30%
5	Implementing 171r3	13%
6	Rev. 3 Readiness	10%

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Module 1 Understanding CUI

- Define CUI and why the law requires you to protect it
- Place SP 800-171 in the CIA triad: confidentiality first
- Navigate NIST's CUI suite: 171r3, 171Ar3, 172 and 172A
- Identify NARA, NIST, federal customer and contractor roles
- Scope CUI components and map how CUI flows

Module 2 171r3 Fundamentals

- Trace the requirements from the SP 800-53B baseline
- Apply tailoring criteria: CUI, NCO, FED, ORC and N/A
- Read the anatomy of a requirement and its ODPs
- Review what changed in Rev. 3, including withdrawn IDs
- Separate enduring exceptions from temporary deficiencies

Module 3 171Ar3 Assessment Methodology

- Combine objectives, methods and objects into procedures
- Use the examine, interview and test methods
- Decode determination statements and findings
- Build an assurance case from reusable evidence
- Run the four phases: prepare, plan, conduct, report

Module 4 The 17 Requirement Families

- Walk through every family, from Access Control to Supply Chain
- See each family through the SP 800-171Ar3 assessor's view
- Apply SP 1318 getting-started tips for every family
- Prepare for the new PL, SA and SR families

Module 5 Implementing 171r3

- Follow practical getting-started tips from NIST SP 1318
- Take practical first steps in each requirement family
- Build a strong system security plan (03.15.02)
- Create and maintain a POA&M to closure

Module 6 Rev. 3 Readiness

- Understand the scope shift: fewer requirements on paper, more work in practice
- Follow the six-step Rev. 3 readiness playbook
- Avoid pitfalls: undefined ODPs, scoping errors, shelfware SSPs
- Understand the regulatory context: CMMC, DoD ODP values and the proposed FAR CUI rule

Module 7 Resources

- Find help: MEP, APEX Accelerators, DIB SCC Cyber Assist
- Use free NIST learning resources, CPRT and the CUI overlay
- Review key takeaways and a plain-language glossary
- Reference SP 800-171r3, 171Ar3, SP 1318 and SP 1352

Course r3 At a Glance

17 Control families, including new PL, SA and SR	97 Security requirements, 03.01 to 03.17
80 Organization-defined parameters to set	422 Determination statements to satisfy

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