

NIST IR 8011 Series

Development and Maintenance Update



Update for:
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NIST IR 8011 Series at a Glance



- Multi-volume series containing technical guidance in **support of automation of security control assessments**.
- Provides a **methodology** for identifying controls that can be assessed via automated means (*test methodology* in SP 800-53A).
- Identifies testable **controls/control items** for specific information security continuous monitoring (ISCM) security capability (one capability per volume).

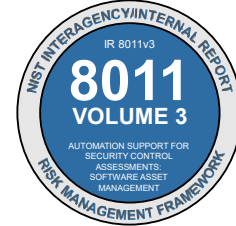
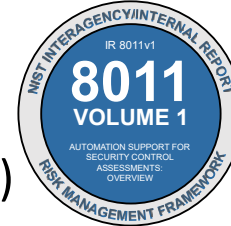


NIST IR 8011 Series by Volume



Four volumes released since 2017:

- Volume 1: ***Overview*** (2017)
- Volume 2: ***Hardware Asset Management (HWAM)*** (2017)
- Volume 3: ***Software Asset Management (SWAM)*** (2018)
- Volume 4: ***Software Vulnerability Management (VUL)*** (2020)



Five volumes in development since 2020:

- Volume 5: ***Access Holder Desired State Specifications for TRUST, BEHAVE, CRED and PRIV (SPEC)***
- Volume 6: ***Access Holder for Trust Management (TRUST)***
- Volume 7: ***Access Holder for Behavioral Expectations Management (BEHAVE)***
- Volume 8: ***Access Holder Credential and Authentication Management (CRED)***
- Volume 9: ***Access Holder Privilege and Account Management (PRIV)***

Planned volumes:

- ***Configuration Settings Management (CSM)***
- ***Boundary Management (BOUND)*** → network boundary, physical boundary, other boundary
- ***Event (incident and contingency) Preparation Management (PREP)***

IR 8011 Volumes 5 thru 9 **development**

- Building an updated IR 8011 database (for internal development only).
- Improving existing methodology.

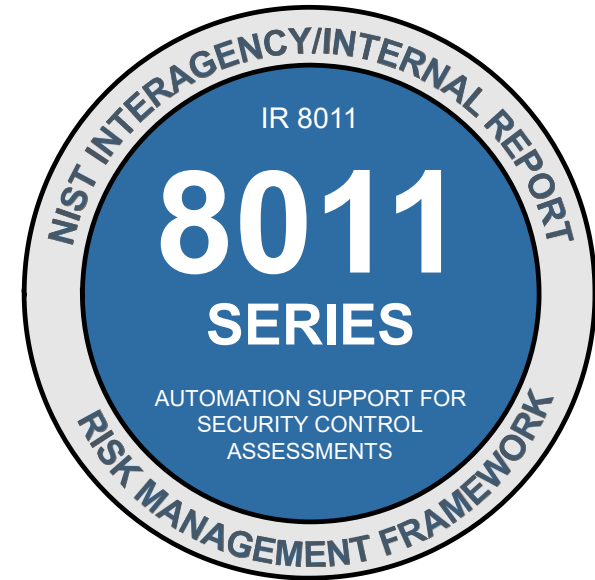
IR 8011 Volumes 1 thru 4 **revision**

- 800-53/800-53A, Revision 4 → Revision 5.
- Improved guidance (e.g., clarification of the steps in the methodology; improvement on how controls are identified).

Stakeholder **engagement**

- Call for Feedback on IR 8011 series adoption.
- Stakeholder identification.

Thank You



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