



FedRAMP

FedRAMP OSCAL Early Adopters

July 17, 2024



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fedramp.gov

Purpose: To engage Cloud Service Providers, 3PAOs, tool vendors and other participants in FedRAMP's OSCAL Early Adopters Workgroup (OEAW) activities.

Outcomes:

- Shared understanding of current OSCAL issues
- Raised awareness of the new FedRAMP automation website and planned updates
- Understanding of external constraints validation capabilities
- Understanding of planned changes to FedRAMP profiles



Agenda:

- Welcome
- OEAW General Updates
- Update on the new FedRAMP Automation website
- Update on the external constraints validation capabilities
- Update on FedRAMP Profiles
- Open Forum
- Next Steps & Closing



Keep the discussion respectful



Be curious, seek understanding



Speak from your own experience



Challenge through questions



Focus on ideas



Keep it technical

General Updates

July 17, 2024

FedRAMP New Automation Website

FedRAMP has released a new hub for technical documentation and guidance on digital authorization packages

- See the [FedRAMP Announcement \(7/11\)](#)
- See the site at <https://automate.fedramp.gov>

Local Validation Tooling

FedRAMP automation team is working on adding metaschema validation mechanisms in the OSCAL-CLI tool.

GitHub Issues

Prioritized the following:

- Issue #599 - completed HTML guides and automation website pre-release updates
- Issue #592 - Refactoring CI to use the OSCAL CLI
- Issue #598 - Setting up test harness and framework to automate testing of OSCAL CLI
- Issue #564 - Review of FedRAMP OSCAL extensions and values
- Issue #563 - Resolved profile catalogs are missing props

View the [project workboard](#) for more details on ongoing work and upcoming priorities

Review needed

<https://github.com/orgs/GSA/projects/25/views/7>

Next Steps for automate.fedramp.gov

Next Steps

FedRAMP Automation Team

- Continue to augment the breadth and depth of FedRAMP OSCAL implementation guidance and technical documentation
- Burndown the [backlog of technical documentation issues](#)
- Consider other enhancements (e.g., JSON & YAML examples, diagram updates, UI updates, etc.)
- Expand site content and documentation as new FedRAMP capabilities are made available (e.g., digital authorization platform)

Community

- Go to <https://automate.fedramp.gov> often for up-to-date OSCAL implementation guidance
- [Submit GitHub issues](#) if you identify documentation defects or where you would like to see (documentation) enhancements
- Contribute pull requests to fix or enhance documentation

External Constraints Validation Capabilities

Relating to the OSCAL - CLI tool

Status Update

Feature Summary

- Improvements to external constraints processing
- Producing Static Analysis Results Interchange Format (SARIF) validation results

Ongoing Work

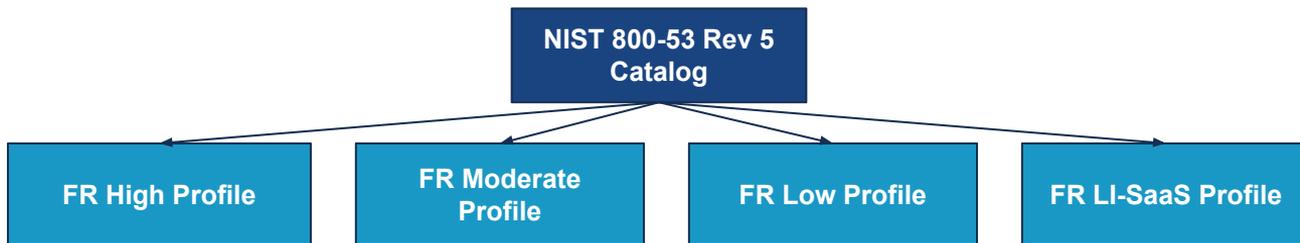
- Continued improvements to SARIF output
- Building out Metaschema external constraints for FedRAMP validation
 - Replaces [Schematron validation](#) and [FedRAMP registry \(fedramp extensions and fedramp values\)](#)
 - Conversion of “allowed-values” constraints expected by end of July 2024
 - Focus on conversion of common and SSP-related constraints in August 2024

<https://github.com/GSA/fedramp-automation/pull/603>

FedRAMP Profile Updates

Consolidation of modifications and alterations

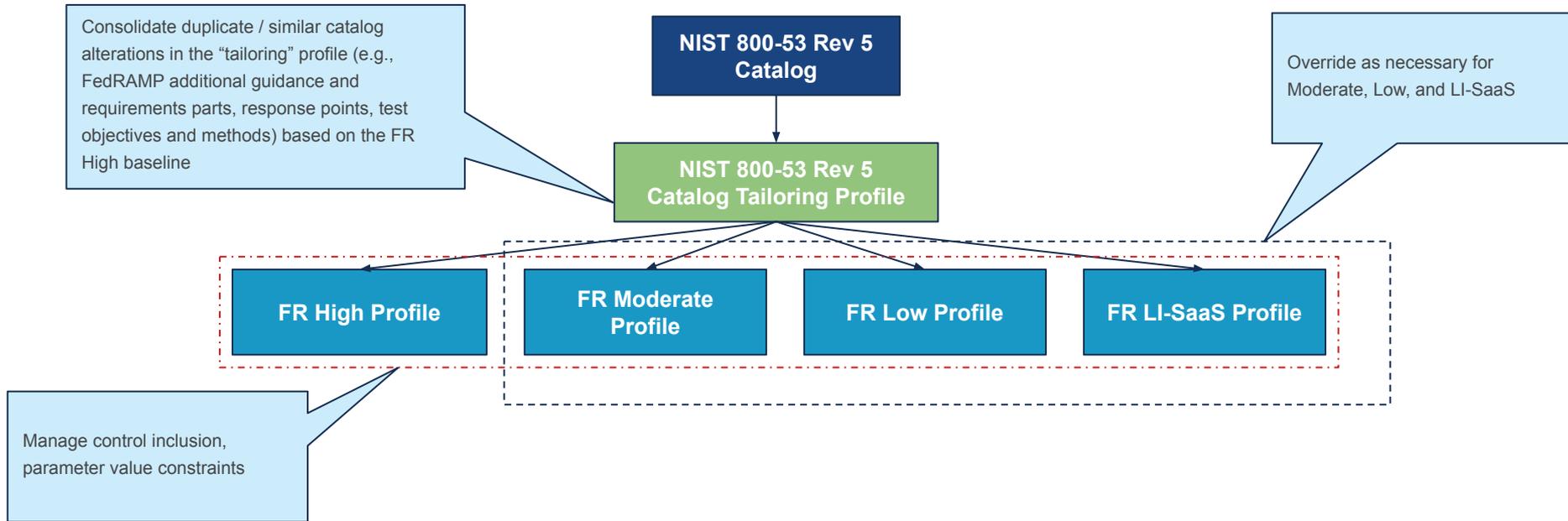
Current Profiles



Issue

- Duplicate or similar catalog alterations repeated for each baseline
 - Parameter constraints
 - FedRAMP additional guidance and requirements parts
 - Response Point props (to identify control statements that require implementation statements and to identify applicable test objectives)
 - Test method props

Planned Changes (see PR #604)



Discussion

- How would these Profile changes impact you? What other Profile changes should be considered?

Open Forum

Thank you

Our next OEAW virtual meeting will be on
Wednesday, July 31, 2024 at 12p ET.

Submit questions and future discussion topics to OSCAL@fedramp.gov

Learn more at fedramp.gov



@FEDRAMP

Ensuring your outstanding issues or questions are received:

Issues can be submitted in several ways:



Preferred

Open an issue on fedramp-automation github so that it will benefit the NIST/FedRAMP community.

<https://github.com/GSA/fedramp-automation/issues>

Alternate

Email us at oscal@fedramp.gov

FedRAMP Automation GitHub: <https://github.com/GSA/fedramp-automation>

- Open Issues: <https://github.com/GSA/fedramp-automation/issues>
- Open Pull Requests: <https://github.com/GSA/fedramp-automation/pulls>
- Active Work: <https://github.com/orgs/GSA/projects/25/views/3>
- Community Review Needed: <https://github.com/orgs/GSA/projects/25/views/7>

GitHub Resources:

- Issues: <https://docs.github.com/en/issues>
- Pull Requests: <https://docs.github.com/en/pull-requests>

NIST:

OSCAL repo: <https://pages.nist.gov/OSCAL/>

Learning Resources: <https://pages.nist.gov/OSCAL/learn/>

Current release: <https://github.com/usnistgov/OSCAL/releases>

Development version: <https://github.com/usnistgov/OSCAL/tree/develop>

Content repo: <https://github.com/usnistgov/oscal-content>

FedRAMP:

Current repo: <https://github.com/GSA/fedramp-automation>

Current issues: <https://github.com/GSA/fedramp-automation/issues>

Early Adopter repo: <https://github.com/GSA/fedramp-oscal-earlyadopters>