



FedRAMP

FedRAMP OSCAL Implementers

September 18, 2024



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fedramp.gov

Purpose: To engage Cloud Service Providers, 3PAOs, tool vendors and other participants in FedRAMP's OSCAL Implementers activities.

Outcomes:

- Shared understanding of current OSCAL issues
- Shared understanding of expectations and next steps for the digital authorization package pilot



Agenda:

- Welcome
- OSCAL Implementers General Updates
- Digital Authorization Package Review
- 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

September 18, 2024

Digital Authorization Package Pilot

This week, planned activities include:

Pilot Participants

- Finish setup local validation tooling in their environments
- Begin validating their SSPs (metadata & back-matter) with the local validation tooling

FedRAMP OSCAL Automation Team

- Continue building out FedRAMP external constraints
- Continued updates to documentation
- Continued updates to the [OSCAL-CLI](https://github.com/metaschema-framework/osc-cli/releases) (<https://github.com/metaschema-framework/osc-cli/releases>)

GitHub Issues

Ongoing:

- Issue #653 - Technical walkthroughs of FedRAMP Automation Tools (epic)
- Issue #657 - SSP Metadata constraints (epic)
- Issue #658 - SSP Back-Matter constraints (epic)
- Issue #652 - Add responsible-party constraints
- Issue #610 - Add deployment model & security level constraints
- Issue #603 - OSCAL CLI and External Constraints Improvements

View the [project workboard](https://github.com/orgs/GSA/projects/25/views/3) for more details on ongoing work and upcoming priorities (<https://github.com/orgs/GSA/projects/25/views/3>)

Upcoming minor deprecation release

- The team agreed upon [Architectural Decision Record #7](#), now we will act on it.
 - Add notes to identify docs in specific locations about what we will deprecate.
 - Publish this final archival release to reference deprecated material *before deletion*.
 - Stay tuned to github.com/GSA/fedramp-automation/milestone/9 for details.
- Next, a future major release will delete this content (no ETA at this time).
 - Stay tuned to github.com/GSA/fedramp-automation/milestones/10 for details.

FedRAMP Roadmap

Digital Authorization Packages Pilot

Review of Expectations

- Must be able to manually or automatically produce OSCAL SSP(s) based on real-world data
- Must use available documentation at <https://automate.fedramp.gov/documentation> to guide OSCAL SSP development efforts
- Must use OSCAL-CLI to exercise FedRAMP external constraints on OSCAL SSPs
- Must be willing to run validation tool and provide feedback (e.g., identified issues, unclear documentation, desired enhancements, etc.), including posting issues and contributing to discussions on GitHub

Roadmap of Next Steps for Users

Near-Term

- ✓ Containerized tools
- ✓ Installation of tools
- Asking for help / reporting problems
- Writing your own OSCAL documents
- Using the tooling with OSCAL SSPs
- Interpreting validation results
- Configuring the tooling and constraints

Longer-Term

- Using the tooling with POA&Ms
- Using the tooling with SAP & SAR
- Advanced features

See details of planned walkthroughs - <https://github.com/GSA/fedramp-automation/issues/653>

Open Forum

Thank you

Our next Implementers virtual meeting will be on
Wednesday, September 25, 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>