



FedRAMP OSCAL Early Adopters

June 26th, 2024



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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
- Clarity around the new FedRAMP automation website and actions needed prior to finalization
- Understanding of external constraints validation capabilities
- Alignment around any community issues and an understanding of next steps.



Agenda:

- Welcome
- OEAW General Updates
- Introduction of the NEW FedRAMP Automation website
- Live Demo of the External Constraints Validation Capabilities (relating to OSCAL-CLI tool)
- 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

June 26, 2024

Revising OSCAL Guides

FedRAMP automation team is continuing to work towards publishing HTML versions of the OSCAL guides to replace the current PDF versions.

- Guides and related documentation were moved to new repository:
<https://github.com/GSA/automate.fedramp.gov>
- Final stages prior to release

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 - 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 #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>

Introduction of automate.fedramp.gov

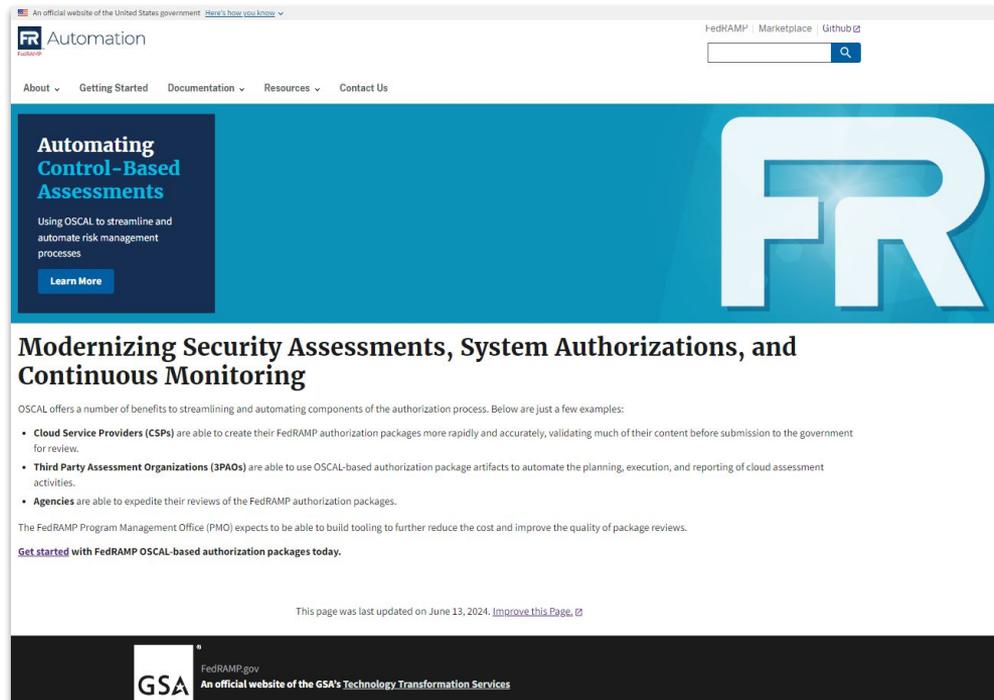
Desired Purpose & Outcomes

Purpose

- Provide developer-focused technical documentation to help CSPs, tool suppliers, and integrators with the development, validation, and submission of OSCAL-based FedRAMP packages.
- Establish an automated publication process for FedRAMP's OSCAL documentation using a continuous integration and deployment (CI/CD) approach.

Outcomes

- Faster and more frequent documentation updates.
- More complete and current documentation.
- Improved documentation leading to a better user experience for stakeholders that are implementing OSCAL-based FedRAMP packages.
- Improved collaboration with a workflow that supports community contributions for fixes or improvements to the documentation.



Click [here](#) for a live preview.

Next Steps

Pre-Release

- Ongoing FedRAMP internal review.
- EAWG site preview (see staged automate.fedramp.gov site).
- Communication prior to launch.

Post Release

- Prioritize SSP documentation content fixes and updates (see [documentation issues backlog](#)).
- Figure & diagram updates.
- Continued theme / styling enhancements.

External Constraints Validation Capabilities

Relating to the OSCAL - CLI tool

Next Steps

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

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

Open Forum

Thank you

Our next OEAW virtual meeting will be on

Wednesday, July 17th, 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>