



OSCAL Developer Data Bytes

August 22, 2024

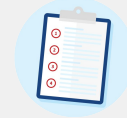


info@fedramp.gov
fedramp.gov

Purpose: To create space for dialogue between developers who use OSCAL and the FedRAMP® automation team.

Outcomes:

- Clarity around topics that this audience wants to learn more about
- Productive discussion around OSCAL



Agenda:

- Welcome
- FedRAMP Automation PMO General Updates
- Pre-Submitted Q&A
- FedRAMP Roadmap Update
- Future Topics Discussion
- 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

August 22, 2024

Local Validation Tooling

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

- Version [available](#)
- Building out FedRAMP external constraints

GitHub Issues

Resolved:

- 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 (#591)

Prioritized the following:

- Issue #564 - Review of FedRAMP OSCAL extensions and values

Reviewing and triaging recently submitted issues. View the [project workboard](#) for more details on ongoing work and upcoming priorities

Review needed

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

Pre-Submitted Questions

Question 1 (GH issue #624): Are there any documents that align the FedRAMP Moderate Baseline Profile Parameters to the Parameters in the Word SSP Document? *This is strictly for the set-parameters in the FedRAMP_rev5_MODERATE-baseline_profile.json to align with the SSP-Appendix-A-Moderate -FedRAMP-Security-Controls.docx*

While the FedRAMP automation team has not published any mapping of OSCAL catalog/profile parameters IDs to SSP-Appendix-A parameter labels, we do have an internal mapping that was developed with the intent to provide this mapping in the profiles via extension properties. For example:

- OSCAL param **ac-1_prm_1** would have the following prop:
 - “props”:[{ “ns” : “<https://fedramp.gov/ns/oscal>”, “name” : “param-label”, “value” : “**AC-1(a)**” }]
- OSCAL ODP **ac-01_odp.03** would have the following prop:
 - “props”:[{ “ns” : “<https://fedramp.gov/ns/oscal>”, “name” : “param-label”, “value” : “**AC-1(a)(1)**” }]

Reminder to submit questions/topic ideas via <https://forms.gle/M4pT7P2xyE6hRC7DA>

New Topic Submission

- Earlier this year, FedRAMP released its [2024-25 roadmap](#)
- We've been focused on efforts associated with roadmap priorities, such as the Digital Authorization Package (DAP) Pilot
 - OSCAL Implementers have been adjusted to support the DAP pilot
 - FedRAMP OSCAL automation team has been working on foundational capabilities needed for the DAP pilot
- Given these recent developments, we'd like to have an open discussion with the community today around **Data Bytes** topics we should queue up for the rest of CY24

Prior topic suggestions included:

- Workflows for OSCAL to Word SSPs (and other documents)
- Guidance on printable documents for CSPs that have migrated to OSCAL
- NIST OSCAL vs FedRAMP Namespace collisions
- Release & Versioning Strategy
- SBOM & Vulnerability sharing with upstream/downstream vendors
- POA&M Management
- OSCAL in Continuous Monitoring (ConMon)

Things to consider when proposing new topics:

- New or emerging trends impacting your organization
- Pain points and challenges your organization is facing

Live Poll & Discussion

Open Forum

Thank you

Our next Developer Data Bytes virtual meeting will be on

Thursday, September 26, 2024 at 12p ET.

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

Learn more at fedramp.gov



@FEDRAMP

Collaborating with FedRAMP

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>

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

NIST:

<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>

Validations work: <https://github.com/18F/fedramp-automation/tree/master/src/validations>

Web based validation tool:

<https://federalist-2372d2fd-fc94-42fe-bcc7-a8af4f664a51.app.cloud.gov/site/18f/fedramp-automation/#/documents/system-security-plan>