



FedRAMP

# FedRAMP OSCAL Early Adopters

**August 16th, 2024**



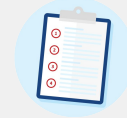
[info@fedramp.gov](mailto:info@fedramp.gov)

[fedramp.gov](https://fedramp.gov)

**Purpose:** Ongoing weekly meeting to engage Cloud Service Providers, 3PAOs, tool vendors and other participants in FedRAMP's OSCAL Early Adopters Work Group (OEAW) activities.

**Outcomes:**

- Shared understanding of Charter and Mission of the Workgroup
- Shared understanding of program participation requirements and initial registration process.
- Shared understanding of SSP Schematron Rules and rule levels.



**Agenda:**

- Welcome
- Guiding Principles/Mission Review
- Participation Requirements
- Registration Follow-up
- Schematron SSP Rules 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**

## Charter:

**To create an engagement space for Cloud Service Providers, 3PAOs, tool developers and others who are adopting OSCAL for the FedRAMP® use case with the goal of refinement of FedRAMP automation technology and processes.**

## Mission Elements:

- Bring OSCAL early adopters together to foster community engagement for FedRAMP OSCAL use case.
- Provide bi-directional dialogue with participants on engineering process current and future state.
- Refinement of initial technology and processes for the FedRAMP OSCAL automation ecosystem.
- Testing of initial releases of FedRAMP Automation Portal and RESTful API services.

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- Integration environment outage Tues (08/14) started at 2:00PM and was resolved by 7:00PM.
- MFA is using IP **40.88.43.167** which may need to be whitelisted on your end.
- Ports that need to be open on network or local firewall:
  - ? **3001 (Portal)**
  - ? **8080-8089 (REST API Services)**
- **Now 25 total users as of today!**
- Release 2.2.0 in testing environment and will be deployed shortly. An email will be sent out to all OEAW participants:
  - ? Support for Rev 4 (all) and Rev 5 (SSP only)
  - ? Caveat: Pending final Schematron rulesets for Rev 5. - publication of updates to Rev 5 profiles for response points (soon).
- Some issues have been identified on fedramp-automation repo related to Rev 5. (Analysis in progress)

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## Current Issues on Early Adopters GitHub (Portal 2.1)

- (#2) File Upload and Validate Functionality Does Not Support File Names with Space.

? Resolved in Portal version 2.2 Build Date 08-15-2023

- (#3) Loading Indicator Hangs on Accounts Page

? Resolved in Portal version 2.2 Build Date 08-15-2023

- (#4) Registration Email Issues

? Resolved in Portal version 2.2 Build Date 08-15-2023

- (#5) Test file crashed FedRAMP validator.

? UTF-8 vs. UTF-16.

? OSCAL-CLI does not output errors with UTF-16. Addressed by AJ Stein at NIST.

■ [NPE in](#)  
[gov.nist.secauto.metaschema.binding.io.xml.XmlUtil.getStreamSource usnistgov/oscal-cli#176](https://github.com/gov.nist.secauto.metaschema.binding.io.xml.XmlUtil.getStreamSource_usnistgov/oscal-cli#176)

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The working group will have the following options when identifying and submitting issues related to the Portal and RESTful API services:

- Submission of general questions will be done via sending an email to [oscal@fedramp.gov](mailto:oscal@fedramp.gov).
- Submission of suggestions for process and software improvement can be done via submission form built into the portal or by sending an email to [oscal@fedramp.gov](mailto:oscal@fedramp.gov).
- Submission of bug reports will be done through the issue to the FedRAMP OSCAL Early Adopters repository (<https://github.com/vitg-gsa-automation/earlyadopters>) or sending an email with screen snapshots to [devops@volpegroup.com](mailto:devops@volpegroup.com)
  - ? Once the developers review the bug report they will initiate next steps with submitter.
  - ? All bug reports will be tagged as FedRAMP automation Portal or REST API issues in the early adopters repository.

## Initial Phases

- Phase 1 Validation Testing
- Phase 2 General Artifact Submission
- Phase 3 Document and Artifact Management
- Phase 4 Process Improvement and New Functionality



## Validation Testing

### Phase 1

- ❑ Duration: 4-6 weeks (planned).
- ❑ Submission of OSCAL Rev 4 Artifacts (XML Only).
- ❑ Provided via Portal Access only.
- ❑ Refinement of current Schematron ruleset for validations based on feedback from participants.
- ❑ Expansion of Validation of OSCAL Artifacts for other formats (e.g. JSON, YAML).
- ❑ Finalize Rev 4 FedRAMP validation ruleset modifications and migrate to rev 5.
- ❑ Limit of 2GB per XML artifact.
- ❑ Initiate access to RESTful API services for validation testing (optional).

# SSP Rule Review (Continued)

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# Next Steps

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# Open Forum

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# Thank you

Our next OEAW virtual meeting will be on  
**Weds August 17th, 2023 at 12p ET.**

Submit questions and future discussion topics to [OSCAL@fedramp.gov](mailto:OSCAL@fedramp.gov)

Learn more at [fedramp.gov](https://fedramp.gov)



[@FEDRAMP](https://twitter.com/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](mailto: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>