



# FedRAMP OSCAL Early Adopters

August 3, 2023



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**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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- Whitelisting of IPs to gain access to portal and RESTful API services.
  - Send email to [oscal@fedramp.gov](mailto:oscal@fedramp.gov) with IPs to be whitelisted for access.
  - Limit of 2 per organization or an IP address range.
  - MFA is being utilized via SMS only. Provide a valid cell # for each organizational registrant.
  - Provide company/organization logo for portal (optional).
- 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)
- FedRAMP OSCAL Early Adopters GitHub Issues Update

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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

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# Open Forum

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# Thank you

Our next OEAW virtual meeting will be on

**Weds August 9th, 2023 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](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>

# OEAW Phases

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## General Artifact Submission

### Phase 2:

- ❑ Duration: 4-5 weeks (planned)
- ❑ Submission of non-OSCAL legacy package artifacts.
- ❑ Provided via Portal Access only.
- ❑ Refinement of Authorization Package submission process.
- ❑ Initial design of intra-artifact submission processes (e.g. leveraged authorizations)
- ❑ Access to RESTful API services for validation testing (optional)
- ❑ Review and update of RESTful API services documentation.

## Document and Artifact Management

### Phase 3:

- ❑ Duration: 2-4 weeks (planned)
- ❑ Organization, System and Package structure.
- ❑ Provided via portal access only.
- ❑ Versioning and ATO package relationships
  - ❑ Legacy
  - ❑ Leveraged Authorizations
  - ❑ UUID management
- ❑ Access to RESTful API services for validation testing (optional)



## Process Improvement and New Functionality

### Phase 4:

- ❑ Duration: TBD (ongoing)
- ❑ Adoption Challenges and Solutions for FedRAMP use case.
- ❑ Challenges with NIST OSCAL Core and potential future updates and model changes.
- ❑ Authorization vs. Automation.
- ❑ Re-visit FedRAMP validations.

# FedRAMP OEAW Initial Registration Steps



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1. Whitelisting of IPs to gain access to portal and RESTful API services.
  - Send email to [oscal@fedramp.gov](mailto:oscal@fedramp.gov) with IPs to be whitelisted for access.
  - Limit of 2 per organization or an IP address range.
  - MFA is being utilized via SMS only. Provide a valid cell # for each organizational registrant.
  - Provide company/organization logo for portal (optional).
2. Once confirmed, a link to the FedRAMP Portal will be automatically sent to registrant for site access for Phase 1.
  - Register within 5 days of receiving invitation email.
  - Login to Portal to confirm organizational details and verify access.
  - Each participating organization will be provided with its own workspace in the portal. Documents will not be shared between participants unless otherwise agreed to
  - Each participating organization will be provided with a sample Authorization Package for testing validation and uploading of OSCAL artifacts.
3. **THIS IS A BETA TEST SITE – NO SENSITIVE DATA.**