



# OSCAL Developer Data Bites

**November 30, 2023**

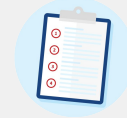


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**Purpose:** To create space for dialogue between developers who use OSCAL and the FedRAMP® automation team.

**Outcomes:**

- Shared understanding of usage of HTML-based OSCAL guides.
- Productive discussion around OSCAL.



**Agenda:**

- Welcome
- General Updates
- FedRAMP Automation  
Community Updates
- Pre-Submitted Q&A
- Demo – HTML-based OSCAL  
Guides
- 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

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Our goals remain the same:

- Provide a means for the PMO to accept OSCAL-based FedRAMP packages.
- Provide REST APIs for the submission of OSCAL-based FedRAMP packages and continuous monitoring data.
- Support reuse of FedRAMP authorizations using OSCAL-based FedRAMP packages.
- Provide tooling to support CSPs in the creation of valid OSCAL-based FedRAMP packages.
- Provide tooling to support 3PAOs and agencies in using OSCAL-based FedRAMP packages.

We need to adjust our priorities to achieve these goals:

- Local OSCAL validation tooling will allow validation of OSCAL content without the need to prematurely share sensitive data.
- Stabilizing the OSCAL guides is needed to support local validation tooling and the GRC acquisition.
- Need to reduce friction where possible in maintaining OSCAL guides and baselines as well as FedRAMP templates.

## Work on hold due to the GRC tool acquisition:

- Submission portal will be discontinued
  - OSCAL content will be submitted with the traditional package for now.
  - **Moderate impact** systems using MAX.gov / USDA Connect.gov
  - **High** impact systems have their own repositories
- API discussions on hold until GRC tool is acquired
  - API submission is still the mid-term goal.

## Transitioning:

- VITG early adopters GitHub repository transition to GSA - <https://github.com/GSA/fedramp-oscallyadopters>

## Adjusted priorities:

- Local validation tooling supporting OSCAL validation
- HTML-based guides and guide improvements
- Refocus Early Adopters Workgroup
  - Coordinating OSCAL guide improvement work
  - Early testing of local validation tooling
- Additional tooling
  - Human rendering of OSCAL-based packages
  - Generation of FedRAMP templates based on OSCAL baselines

November 30, 2023

## NIST OSCAL version 1.1.x release

- FedRAMP automation team is working to update all guidance and validations to align with OSCAL 1.1.1 release.

## Rev 5

- Rev 5 will be the priority moving forward.
- Additions to Rev 5 profiles and resolved-profile catalogs in process for core controls and response points to be released shortly.
  - Worked in <https://github.com/GSA/fedramp-automation/pull/502>
  - Please review the response points to ensure they align with your expectations.
  - Provide feedback on the PR.
- Currently analyzing NIST SP 800-53 rev 5.1.1 for baseline changes.
  - Will need to update OSCAL baselines.
  - Analyzing impact to FedRAMP templates, some of which may need to be update.

## Issues/Ticket Tags

- **Closed issues/pull requests this cycle**
  - Total of 14 issues closed this cycle. (See [github.com/GSA/fedramp-automation/issues](https://github.com/GSA/fedramp-automation/issues)) for more details.
- **Opened this cycle**
  - 1 new ticket opened this cycle. (See [github.com/GSA/fedramp-automation/issues](https://github.com/GSA/fedramp-automation/issues)) for more details.
- Older, unresolved guide issues will be prioritized going forward to prepare for new validation work.

## Announcements

- Additions and Transition of resources onto FedRAMP Automation Project.
  - Thank you to the Volpe team!

# Pre-Submitted Questions

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None received!

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

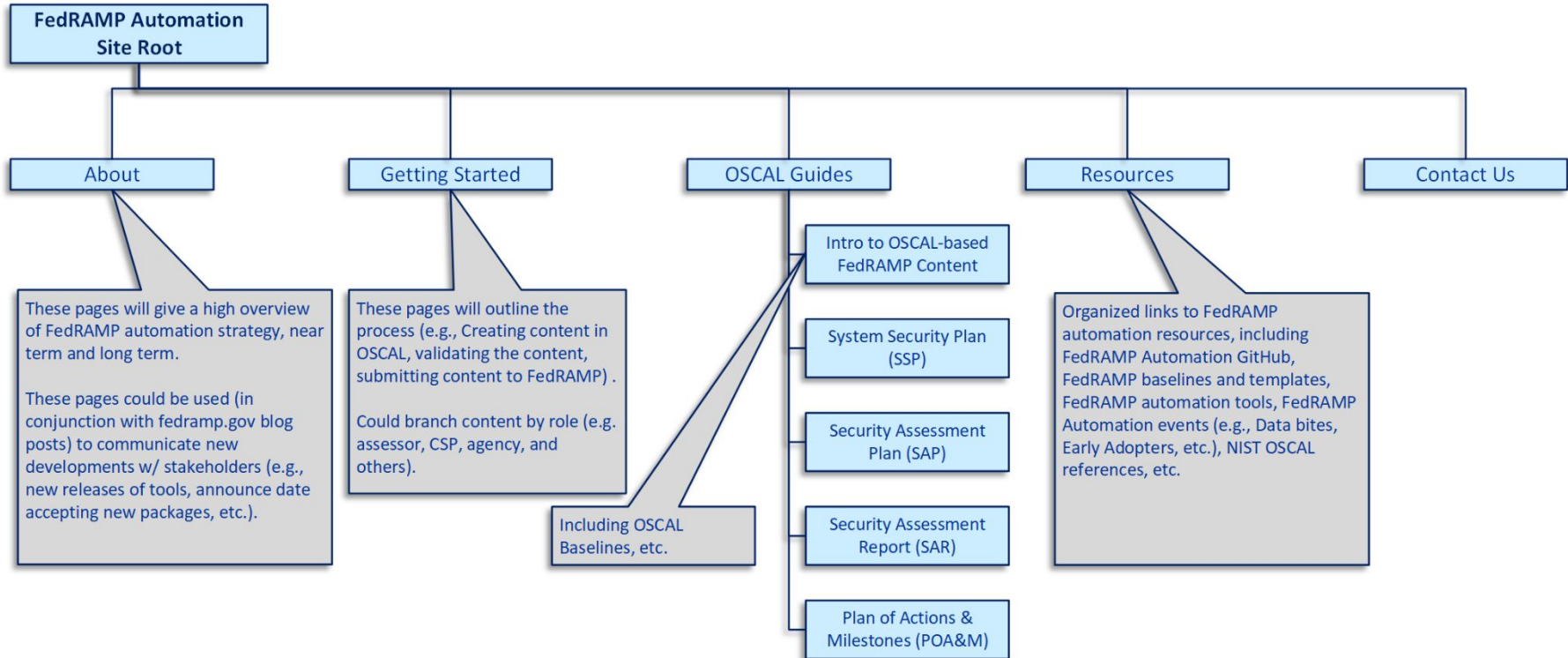
# Demo of HTML-based OSCAL Guides

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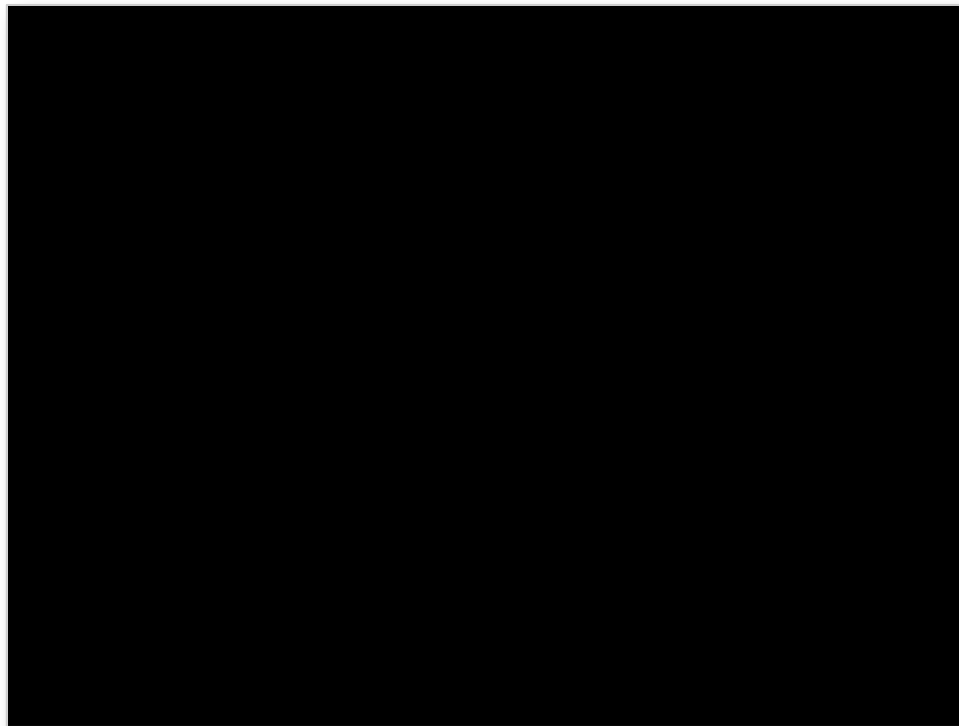
## Background

- The guides provide technical guidance and examples to aid organizations in producing and using FedRAMP-compliant OSCAL documents.
- FedRAMP Automation team is working through the backlog of documentation issues identified by the community.
  - Clarifications (e.g., issue #[474](#))
  - Bugs (e.g., issue #[495](#))
- Need to improve the content management and publishing process for the guides.
  - More frequent, incremental updates to address identified issues.
  - Support for more collaborative updates of guide content.
  - More transparent and effective version control.
  - Enhanced user experience for online consumption of guides.

## Vision



## Demo



## Next Steps

- Complete MVP version of Rev 5 FedRAMP Guides for:
  - OSCAL-Based Content (General Guide)
  - SSP
  - SAP
  - SAR
  - POA&M
- Prioritize and address backlog of [documentation / guide related issues](#).
- Iterative style guide conformance updates.

# Open Forum

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# Thank you

Our next Developer Data Bites virtual meeting will be on

**Thursday, January 11, 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**



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>