

# FedRAMP Security Assessment Report (SAR) Training

## 1. FedRAMP\_Training\_SAR\_v4\_508

### 1.1 FedRAMP SAR Overview Online Training Splash Screen



#### Notes:

#### Transcript

Title <N/A>

#### Image

Image of FedRAMP logo.

#### Text

FedRAMP Online Training; Security Assessment Report (SAR) Overview. Presented by: FedRAMP PMO

## 1.2 Course Navigation



### Notes:

### Transcript

#### Title

Course Features and Functions

#### Text

<N/A>

### Image

Screen capture of the course including the FedRAMP logo, Description and Menu tabs, navigation buttons, and Resources button.

### Audio

Let's take a moment to familiarize ourselves with the features and functions of this course. To navigate the course, you may select the Back and Next buttons located at the bottom of the screen, or you may use the Menu tab located on the left side of the screen to select the screen you'd like to view. Use the Play and Pause buttons located at the bottom of the screen to start and stop the screen content. You may also select the replay button to view the content again. Use the Description tab on the left side of the screen to read a detailed description of the screen elements including the image descriptions, screen text, and audio script. You may also access the Resources button at the top right corner of the screen to open additional course resources.

When you are finished, click the Next arrow to continue.

## Menu (Slide Layer)



## Transcript (Slide Layer)



## Resources (Slide Layer)

The screenshot shows a presentation slide with a transcript on the left and a main content area. The transcript includes the following text:

- Transcript**
- Title**  
Review of the Security Assessment Report (SAR) Tables
- Text <N/A>**
- Image**  
Screen capture of the course including the FedRAMP logo, Description and Menu tabs, navigation buttons, and Resources button.
- Closed Captions Course Audio Script.** To view Closed Captions of the Security Assessment Report (SAR) Tables, select the **Notes** tab in the upper-left hand corner of the slide.

The main slide area features the FedRAMP logo (a circle containing 'FR') and the text 'FedRAMP Federal Risk and Authorization Management Program'. Below the logo, it says 'FedRAMP Online Training Security Assessment Plan (SAP) Overview' and 'Presented by: FedRAMP PMO'. A callout box points to the 'Resources' button in the top right corner with the text: 'Resources button: Click to view files available to view and/or print for this course.' Navigation buttons for 'PREV' and 'NEXT' are visible at the bottom.

## Play/Pause (Slide Layer)

The screenshot shows the same presentation slide as above, but with a callout box pointing to the play/pause button in the bottom center. The callout box contains the text: 'Play/Pause button: Click to play or pause the course.' The transcript and main slide content are identical to the previous image.

## Replay (Slide Layer)

The screenshot shows a video player interface. On the left is a transcript sidebar with the following text:  
**Transcript**  
**Title**  
Review of the Security Assessment Report (SAR) Tables  
**Text <N/A>**  
**Image**  
Screen capture of the course including the FedRAMP logo, Description and Menu tabs, navigation buttons, and Resources button.  
**Closed Captions Course Audio Script.** To view Closed Captions of the Security Assessment Report (SAR) Tables, select the **Notes** tab in the upper-left hand corner of the slide.

The main video area displays a slide with the FedRAMP logo (a blue square with 'FR' in white) inside a circle. Below the logo, the text reads: "FedRAMP Online Training", "Security Assessment Plan (SAP) Overview", "12/9/2015", and "Presented by: FedRAMP PMO". At the bottom of the slide, a dark blue box contains the text: "Replay button: Click to replay the screen." The video player controls at the bottom include a play button, a progress bar, and navigation buttons labeled "PREV" and "NEXT".

## Back/Next (Slide Layer)

This screenshot is identical to the one above, showing the same video player interface and transcript sidebar. However, a dark blue box at the bottom of the slide contains the text: "Back/Next arrows: Click to return to previous screen or continue to the next screen." The video player controls at the bottom are the same, but the "PREV" and "NEXT" buttons are highlighted with a yellow border.

## Volume Control (Slide Layer)



The screenshot shows a training slide titled "FedRAMP Online Training Security Assessment Plan (SAP) Overview". The slide features the FedRAMP logo (a blue square with "FR" in white) inside a circle, with the text "Federal Risk and Authorization Management Program" below it. The slide content includes the title "FedRAMP Online Training Security Assessment Plan (SAP) Overview", the date "12/9/2015", and "Presented by: FedRAMP PMO". A dark blue overlay box in the lower-left corner contains the text: "Volume Control: Use your mouse button to adjust the volume of audio." The slide also has a transcript sidebar on the left and navigation controls at the bottom.

### 1.3 Today's Training



The screenshot shows a slide titled "Today's Training" with the FedRAMP logo. The slide content includes a list of training topics:

- Welcome to Part Four of the FedRAMP Training Series:
  1. Introduction to the Federal Risk and Authorization Program (FedRAMP) – 100A
  2. FedRAMP System Security Plan (SSP) Required Documents – 200A
  3. Security Assessment Plan (SAP) Overview – 200B
  4. Security Assessment Report (SAR) Overview – 200C
  5. How to Write to a Control – 201B
  6. Continuous Monitoring Overview – 200D
- The goal of the FedRAMP Training Series is to provide a deeper understanding of the FedRAMP program and how to successfully complete a FedRAMP Authorization Package assessment.

The slide footer includes the URL "www.fedramp.gov" and "PAGE | 3".

#### Notes:

#### Transcript Title

Today's Training

#### Image

<N/A>

## Text

Welcome to part four of the FedRAMP Training Series:

1. Introduction to the Federal Risk and Authorization Program (FedRAMP) - 100A
2. FedRAMP System Security Plan (SSP) Required Documents - 200A
3. Security Assessment Plan (SAP) Overview - 200B
4. **Security Assessment Report (SAR) Overview - 200C**
5. How to Write a Control - 201B
6. Continuous Monitoring (ConMon) Overview - 200D

The goal of the FedRAMP Training Series is to provide a deeper understanding of the FedRAMP program and how to successfully complete a FedRAMP Authorization Package assessment.

## Audio

Welcome to the FedRAMP Online Training series. I am <NAME> your instructor for this training. In this course we will discuss and provide an overview of the Security Assessment Report or SAR. The FedRAMP PMO developed this training series to help FedRAMP CSP applicants properly prepare for a FedRAMP assessment by providing a deeper understanding of the program and the level of effort required to satisfactorily complete a FedRAMP assessment. This training module is tailored to a CSP going through the JAB path and a Third Party Assessment Organization or 3PAO conducting an assessment of the Cloud System. By providing insight into what to expect when going through the FedRAMP Assessment Process we want to ensure CSPs have the knowledge and resources to successfully achieve FedRAMP Authorization.

## 1.4 Training Objectives



The image is a screenshot of a presentation slide. At the top left is the FedRAMP logo (FR in a blue square). To its right is the title 'Training Objectives'. Below the title, the text reads: 'At the conclusion of this training session you should understand the:'. This is followed by a bulleted list of five objectives. At the bottom of the slide, there is a footer with the website 'www.fedramp.gov' on the left and 'PAGE | 4' on the right.

**FR** | Training Objectives

At the conclusion of this training session you should understand the:

- Relationship between the SAR and the FedRAMP Security Assessment Framework (SAF)
- Writing standards for each section of the SAR
- Considerations for the CSP to develop the Plan of Action and Milestones (POA&M)
- Key inputs/outputs and basis for an authorization decision
- Aspects of the SAR the FedRAMP PMO looks for when conducting a review

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**Notes:****Transcript Title**

Training Objectives

**Image**

<N/A>

**Text**

At the conclusion of this training session the you should understand:

- Relationship between the SAR and the FedRAMP Security Assessment Framework (SAF)
- Writing standards for each section of the SAR
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- Key inputs/outputs and basis for an authorization decision
- Aspects of the SAR the FedRAMP PMO looks for when conducting a review

**Audio**

At the conclusion of this training session you should understand the:

- Relationship between the SAR and the FedRAMP Security Assessment Framework (SAF)
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- Key inputs/outputs and basis for an authorization decision
- Aspects of the SAR the FedRAMP PMO looks for when conducting a review



## 1.5 FedRAMP SAF and NIST RMF



### Notes:

#### Transcript Title

FedRAMP SAF and NIST Risk Management Framework (RMF)

#### Image

NIST RMF with designations on Document, Assess, Authorize, Monitor

#### Text

<N/A>

#### Audio

Federal agencies are required to assess and authorize information systems in accordance with FISMA. The FedRAMP SAF is compliant with FISMA and is based on the NIST RMF. In fact, FedRAMP uses the same documents and deliverables that NIST requires agencies to use. However, FedRAMP simplifies the NIST Risk Management Framework by creating four process areas that encompass the 6 steps within 800-37: Document, Assess, Authorize, and Monitor.

CSPs verify compliance by following the FedRAMP SAF. Through this process, the risks of a CSPs services are determined and it gives agency authorizing officials the ability to determine if the risk posture of a Cloud System meets the risk posture needed to host government data.

The Security Assessment Framework ensures that managing risk from the operation and use of federal systems is consistent with the organizations mission and business objectives and overall risk strategy and supports consistent, well informed, and ongoing security authorization decisions to achieve more secure information and systems.

Going forward in this training module we will focus on the Authorize Phase of the SAF which includes the SAR and Plan of Action and Milestones (POA&M) templates as the key documents that determine if the system's residual risk is acceptable.

## 1.6 SAR Template



### Notes:

#### Transcript Title

SAR Template

#### Image

Security Assessment Report Template cover

#### Text

The SAR does the following:

- Verifies a CSP's security implementations
- Provides the overall risk posture of a cloud environment for a security authorization decision
- Identifies vulnerabilities, threats, and risks discovered during the testing process
- Provides guidance for CSPs in mitigating the security weaknesses identified

#### Audio

The FedRAMP program requires Cloud Service Providers (CSPs) to use an independent third-party assessor. For the JAB path and the CSP path, FedRAMP requires the assessor to be FedRAMP Accredited Third-Party Assessor Organization (3PAO) to perform the security assessment and development of the SAR. For Agency Authorizations, an agency may use a FedRAMP 3PAO or an agency internal independent assessment organization. At the completion of the assessment testing, the Independent Assessors or 3PAO produces the Security Assessment Report (SAR) that documents the verification of the CSPs implementation of security and provides the overall risk posture of a CSP in support of security authorization decision. The SAR is records all current vulnerabilities and risks to CSP systems and contains

the details of the testing methodology and results.

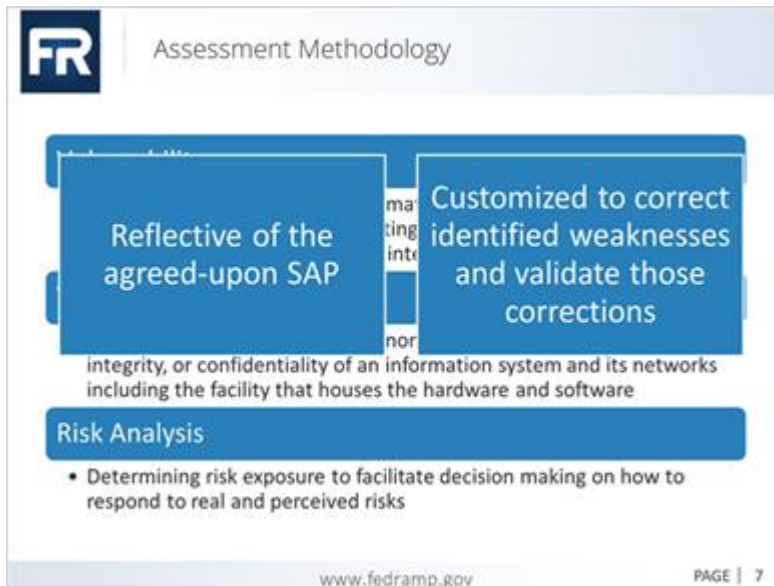
Additionally, the SAR provides guidance to CSPs in mitigating the security weaknesses found. The assessment must be conducted in compliance with NIST SP 800-53 revision 4. The plan for testing was documented in an SAP; however, quite frequently the testing and assessment deviate from the approved SAP. All deviations from the approved SAP are detailed in the List of Assessment Deviations. Example of deviations could be a change in inventory from the time of planning to testing, a change in schedule from planned to actual, etc.

The FedRAMP PMO provides a *Security Assessment Report* template, and all 3PAOs are required to use this template to report their findings. The SAR template is available on [www.fedramp.gov](http://www.fedramp.gov).

For JAB Provisional ATO's, the 3PAO is expected to provide a high-level briefing to the JAB TRs. This brief will highlight findings, mitigations, and operational requirements, as well as identify any problems or areas of concern. The FedRAMP ISSO coordinates with the *CSP and 3PAO* on the briefing.

The SAR is divided into eight sections and includes 9 appendices. The next few sections will detail each of these sections further and give specific instructions on how to write to them and what FedRAMP is looking for when reviewing these documents.

## 1.7 Assessment Methodology



### Notes:

#### Transcript Title

Vulnerability

#### Image

Reflective of the agreed-upon SAP; Customized to correct identified weakness and validate those correction

#### Text

Vulnerability: an inherent weakness in an information system that can be exploited by a threat or threat agent, resulting in an undesirable impact on the protection of the confidentiality, integrity, or availability of the

system.

Threat: an adversarial force or phenomenon that could impact the availability, integrity, or confidentiality of an information system and its networks including the facility that houses the hardware and software

Risk Analysis: determining risk exposure to facilitate decision making on how to respond to real and perceived risks.

### Audio

Section 1 and 2 are straight forward and detail the scope of the testing conducted by the 3PAO and purpose of the system including security categorization determined in accordance with FIPS 199.

Beginning with Section 3, the 3PAO documents the assessment methodology used to conduct the security assessment. The methodology should be reflective of the agreed upon Security Assessment Plan (SAP) and customized to correct identified weaknesses and validate those corrections. A list of deviations from the original plan for the assessment presented in the SAP should be appropriately documented.

Additionally, the 3PAO must also identify all vulnerabilities, threats and provide a risk analysis.

A vulnerability is an inherent weakness in an information system that can be exploited by a threat or threat agent, resulting in an undesirable impact on the protection of the confidentiality, integrity, or availability of the system (application and associated data). A vulnerability may be due to a design flaw or error in configuration which makes the network, or a host on the network, susceptible to malicious attacks from local or remote users. Vulnerabilities can exist in multiple areas of the system or facilities, such as in firewalls, application servers, Web servers, operating systems or fire suppression systems.

A threat is an adversarial force or phenomenon that could impact the availability, integrity, or confidentiality of an information system and its networks including the facility that houses the hardware and software. A threat agent is an element that provides the delivery mechanism for a threat. An entity that initiates the launch of a threat agent is referred to as a threat actor. A threat actor might purposefully launch a threat agent. However, a threat actor could also be a trusted employee that acts as an agent by making an unintentional human error. FedRAMP takes threat types into consideration to help determine the likelihood that a vulnerability could be exploited. The 3PAO is responsible for assigning threat types to vulnerabilities, then determine the likelihood that a vulnerability could be exploited by the corresponding threat.

Identifying vulnerabilities and threats are key in determining the risk exposure of a Cloud System. The goal of determining risk exposure is to facilitate decision making on how to respond to real and perceived threats.

## 1.8 Security Assessment Results

The screenshot shows a document header with the 'FR' logo and the title 'Security Assessment Results'. Below the header is a table with five rows, each representing a field in a security assessment report. Each row has a blue header and a white body containing a bullet point with a description of the field's requirements.

Field	Description
Identifier	All weaknesses are assigned a unique ID
Name	Security vulnerability
Source of Discovery	Method that was used to discover the vulnerability
Description	A full description of the weakness must be detailed along with the specific potential impact to the system

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## Notes:

### Transcript Title

Security Assessment Results

### Image

Identifier, Name, Source of Discovery, Description

### Audio

The Security Assessment Results section describes all security weaknesses found during testing. The following elements for each security weakness are reported in the Risk Exposure Summary Worksheet.

**Identifier:** All weaknesses are assigned a unique ID in the form of V#-Security Control ID. For example, the first vulnerability listed would be reported as V1-AC-2(2) if the vulnerability is for control ID AC-2(2). If there are multiple vulnerabilities for the same security control ID, the first part of the vulnerability ID must be incremented, for example V1-AC-2(2), V2-AC-2(2).

**Name:** A short descriptive title or name of the vulnerability.

**Source of Discovery:** The source of discovery refers to the method that was used to discover the vulnerability (e.g., web application scanner, manual testing, security test procedure workbook, interview, document review). In practice, the reference to the source of discovery is generally a reference to the scan or re-scan include date, test procedure workbook, or pen test report and date.

**Description:** A full description of the weakness must be detailed along with the specific potential impact to the system.

**Affected IP Address/Hostname(s)/Database:** For each reported vulnerability, all affected IP addresses/hostnames/databases must be included. If multiple hosts/databases have the same vulnerability, list all affected hosts/databases.

**Applicable Threats:** The applicable threats describe the unique threats that have the ability to exploit the security vulnerability. Threat IDs are derived from list of threats in Table 3-3 of the SAR template.

**Likelihood, Impact and Risk Exposure:** These categories are noted both before and after mitigating control/factors have been identified and considered, and are rated on a scale of High, Moderate, or Low

**Risk Statement:** Provide a risk statement that describes the risk to the business. Also indicate whether the affected machine(s) is/are internally or externally facing.

**Mitigating Controls/Factors:** Describe any applicable mitigating controls/factors that could downgrade the likelihood or risk exposure. Also indicate whether the affected machines are internally or externally facing. Include a full description of any mitigating factors and/or compensating controls if the risk is an operational requirement

**Recommendation:** The recommendation describes how the vulnerability must be resolved. Indicate if there are multiple ways that the vulnerability could be resolved or recommendation for acceptance of operational requirement.

**Justification or Proposed Remediation:** Provide a rationale for recommendation of risk adjustment or operational requirement.

## 1.9 Required Content for Non-Conforming Controls and Risks Known for Interconnected Systems

The slide contains the following content:

- Risks corrected during testing**
  - A detailed description of how the verification of closure was completed
  - If it was a finding from a scan or was a re-scan of the component completed
  - If a manual test was conducted or a document was reviewed
- Risks with mitigating factors**
  - A detailed description of the specific risk to this system based on the general description of the vulnerability provided
  - A detailed description of the mitigating factors and compensating controls that mitigate the ongoing risks to the system
- Risks remaining due to operational requirements**
  - A detailed description of the specific risk to this system based on the general description of the vulnerability provided
  - A detailed description of the mitigating factors and compensating controls that mitigate the ongoing risks to the system
- Risks known for Interconnected Systems**
  - CSOs must disclose any known risks with interconnected systems
  - Inherent relationships between the system and other interconnected systems may impact the overall system security posture

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### Notes:

#### Transcript Title

Required Content for Non-Conforming Controls and Risks Known for Interconnected Systems

#### Image

Risks corrected during testing; Risks with mitigating factors; Risks known for Interconnected Systems

#### Audio

Section 5 and 6 deal with identifying specific risks that have either been corrected, mitigated, accepted, or are considered part of an interconnected system.

In some cases, the initial risk exposure to the system are adjusted due to either corrections that occurred during testing or to other mitigating factors.

The 3PAO is responsible for documenting the following:

*Risks corrected during testing* - Risks discovered during the testing that have been corrected prior to completion of testing. These should be verified and the verification statements need to contain the following information. A Detailed description of how the verification of closure was completed. If it was a finding from a scan or a re-scan of the component completed; some scan finding validations are completed via manual methods as well. If a manual test was conducted or a document reviewed; if it was a finding from a manual test - a manual test will be used to verify such as a document examination.

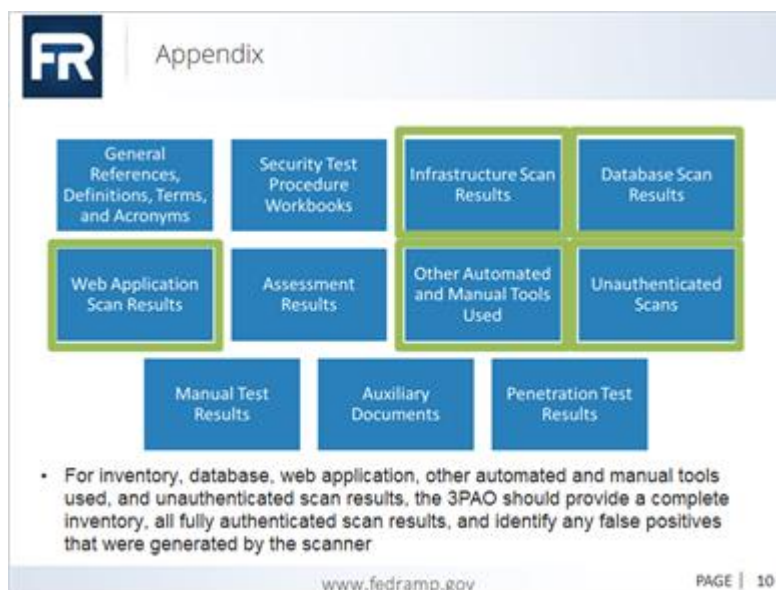
*Risks with mitigating factors* - Risks that have had their severity levels changed due to mitigating factors. The factors used to justify changing the initial risk exposure rating should also be noted and the description of mitigating factors for each item should contain a detailed description of the specific risk to this system based on the general description of the vulnerability provided and, a detailed description of the mitigating factors and compensating controls that support the adjustment of risk.

*Risks remaining due to operational requirements* - Risks that reside in the system that cannot be corrected due to operational constraints. An explanation of the operational constraints and risks are also included in the appropriate Security Assessment Test Cases and System Security Plan (SSP). This applies to all

findings in the SAR - all items in the risk summary table are documented in the test cases workbook and based on unique ID. Because these risks will not be corrected, they are not tracked in the Plan of Actions and Milestones (POA&M). The description of Operational Requirements Rationale and Mitigating Factors should contain a detailed description of the specific risk to this system based on the general description of the vulnerability provided and, a detailed description of the mitigating factors and compensating controls that mitigate the ongoing risks to the system.

*Risks known for Interconnected Systems* - 3PAOs must include any known risks with interconnected systems that they discovered. CSPs shall disclose any known risks with interconnected systems. In order to determine this information, it may be necessary to consult other Security Assessment Reports, Interconnection Agreements, Service Level Agreements, Memorandums of Understanding, US-CERT advisories and reference Table 11-1 in the SSP that lists interconnected systems as the authoritative source. Inherent relationships between the system and other interconnected systems may impact the overall system security posture. However, in some cases the system may not have any external interconnections in which case the 3PAO should note the rationale as to why this section is not applicable.

## 1.10 Appendix



### Notes:

### Transcript Title

Appendix

### Audio

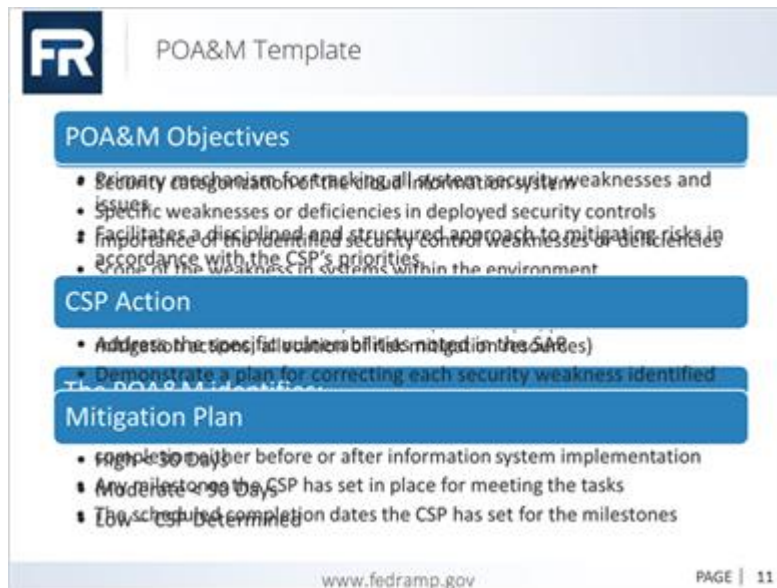
The appendices give you the opportunity to provide any supporting information that further tells the story of how the 3PAO tested the cloud system. Supporting Appendices provide detailed assessment related information including:

- General References, Definitions, Terms, and Acronyms - Even though this section is pre-populated with information already contained in the SAR the 3PAO is expected to add further information that is unique to the Cloud system being tested. In addition, a list of all documents reviewed is required.
- Security Test Procedure Workbooks - Provide the Security Test procedure workbooks. Ensure that results of all tests are recorded in the workbooks.

- Infrastructure Scan Results - All items in inventory must be scanned, unless sampling is permitted per the approved SAP. The scans should be referenced by "title" and detailed filename, including extension and not embedded in the document. They can be .zip files by type of scan, e.g., OS, web, etc however, they must be provided in a "parseable" format, such as .xml or .csv. Sample files should be provided to the PMO or agency prior to submission to verify readability.
- Database Scan Results - Provide all database scans results generated by the scanner in a readable format. Bundle all scan results into one zip file. Do not insert files that require a scan license to read the file.
- Web Application Scan Results - Indicate the web applications that were scanned and indicate the function that the web-facing application plays for the system.
- Assessment Results - Summary of System Security Risks from FedRAMP Testing and Final Summary of System Security Risks
- Other Automated and Manual Tools Used
- Unauthenticated Scans - Provide the results from any unauthenticated scans. However, in order to use this table, the IA must obtain approval from the AO when submitting the SAP. If this table is not used, write "Not Applicable".
- Manual Test Results
- Auxiliary Documents
- And Penetration Test Results - These are provided in the pen test report and results are included in the risk summary table.
- For Inventory, Database, Web Application, Other Automated and Manual Tools, and Unauthenticated scan results the 3PAO should provide a complete inventory, all fully authenticated scan results, and identify any false positives that were generated by the scanner.
- As part of security testing, automated scans are required. On large implementations, a subset of all representative hosts and device types must be scanned using full authentication. The advantage of running scans as fully authenticated privileged users is that the scanner can access the registry, file attributes, installed packages, and patch levels. Account credentials for the authenticated scans must use login IDs and user roles that offer the greatest possible privileges for the scanned system (e.g., root, administrator).
- The use of non-authenticated scans can assist in vulnerability severity determinations and to prioritize remediation efforts since non-authenticated scan vulnerabilities are seen from the point of an attacker/intruder. Non-authenticated scans can augment fully authenticated scans if the information from these scans helps to determine the risk exposure. FedRAMP does not require non-authenticated scans.
- 3PAOs do not need to run source code scans. However, if a CSP develops and uses original source code in their service offering, the CSP is required to perform source code scanning on the installed release and provide the source code analysis report to the 3PAO to satisfy control SA-11(1). The 3PAO submits all scan results to the FedRAMP PMO ISSO at the same time the SAR is provided, and the 3PAO must be prepared to brief the results to the FedRAMP PMO and JAB representatives.



## 1.11 POA&M Template



### Notes:

#### Transcript Title

POA&M Template

#### Image

POA&M Objectives; CSP Action; Mitigation Plan

#### Audio

The Federal Information Security Management Act (FISMA) requires that a Plan of Action and Milestones (POA&M) be developed and utilized as the primary mechanism for tracking all system security weaknesses and issues. The POA&M is a mitigation plan designed to address specific residual security weaknesses and includes information on costing, resources, and target dates.

The purpose of the POA&M is to facilitate a disciplined and structured approach to mitigating risks in accordance with the CSP's priorities. The POA&Ms include the findings and recommendations of the Security Assessment Report (SAR) and the continual security assessments. FedRAMP uses the POA&M to monitor progress in correcting weaknesses or deficiencies noted during the security control assessment and throughout the continuous monitoring process.

After receiving the SAR from the 3PAO, the CSP develops a POA&M that addresses the specific vulnerabilities noted in the SAR. The CSP needs to demonstrate that it has a plan in place for correcting each security weakness identified. The POA&M serves as a tracking system for the CSP and represents the CSP's "to do" list.

FedRAMP provides a POA&M template for CSPs which is available on the FedRAMP website. All High, Moderate, and Low findings from the SAR must be mapped into the POA&M. High impact vulnerabilities

must be mitigated within 30 days, and Moderate impact vulnerabilities must be mitigated within 90 days. The CSP determines a date for closure of low items. However, low items must have a completion date and be remediated. A large number of open low items may be considered a risk to the security posture of the system.

The POA&Ms are based on the:

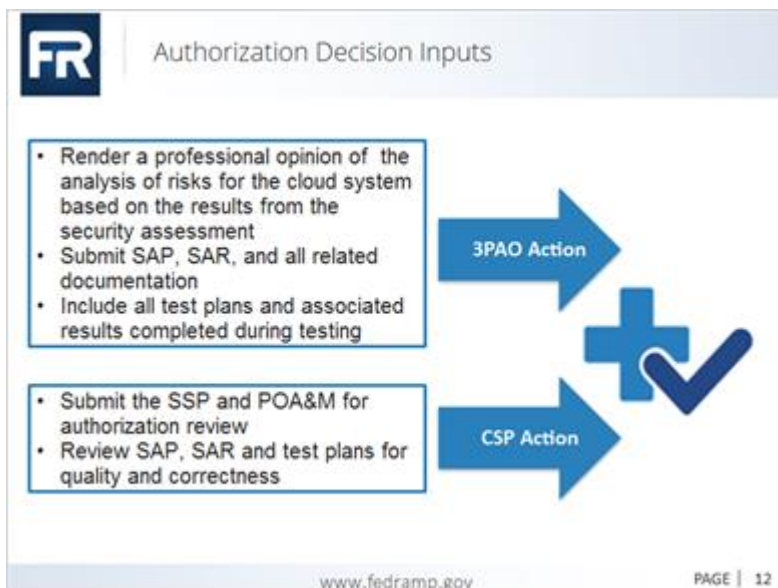
- Security categorization of the cloud information system
- Specific weaknesses or deficiencies in deployed security controls
- Importance of the identified security control weaknesses or deficiencies
- Scope of the weakness in systems within the environment
- Proposed risk mitigation approach to address the identified weaknesses or deficiencies in the security controls (for example, prioritization of risk mitigation actions, allocation of risk mitigation resources)

The POA&M identifies:

- i. the tasks the CSP plans to accomplish with a recommendation for completion either before or after information system implementation;
- ii. any milestones the CSP has set in place for meeting the tasks; and
- iii. the scheduled completion dates the CSP has set for the milestones.

Documenting the results of security control testing creates a record of the security posture for the system at a given moment in time. The record can be reviewed for risk-based decision making and to create plans of action to mitigate risks..

## 1.12 Authorization Decision Inputs



### Notes:

### Transcript Title

Authorization Decision Inputs

### Image

Arrow showing 3PAO Action; CSP Action

#### **Audio**

Within the SAR the 3PAO must render a professional opinion of their analysis of risks for the cloud system based on the results from the security assessment. Any recommendations must be supported by findings, evidence, and artifacts. This recommendation will be fully reviewed by the Authorizing Official. For JAB P-ATO packages, the 3PAO makes a recommendation for issuance of the P-ATO - agency AO might request a recommendation or indication of overall risk, such as High, Moderate, or Low.

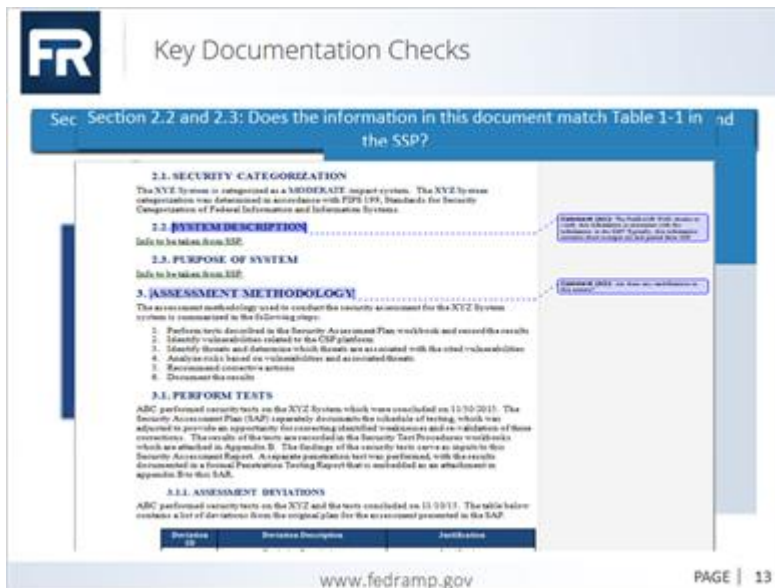
Following the development of the SAR and POA&M Template, the SAP and SAR and all related documents and attachments related to the assessment of the system [e.g., pen test plan, report] must be submitted by the 3PAO directly to FedRAMP or the Agency AO.

The CSP is responsible for submitting the SSP and all related documentation and the POA&M. Authorizing officials will review the entire security package and make a risk-based decision on whether or not to authorize the system.

CSPs that receive either type of authorization will be added to the list of authorized CSPs on [www.fedramp.gov](http://www.fedramp.gov). The listing will provide basic information about the service offering related to the authorized system. The authorization letter and security package will be stored in a secure, access-controlled, repository for review by agencies that wish to leverage the CSP's authorization in order to issue their own ATO.

Once an authorizing official has made a risk-based decision to authorize a CSP environment for use, they formalize this decision in an ATO letter. Authorizing officials provide this letter to the CSP system owner and a copy to the FedRAMP PMO on these letters so that the FedRAMP PMO can verify agency use, keep agencies informed of any changes to a CSP's authorization, and submit their package to FedRAMP for inclusion in the FedRAMP secure repository. CSPs that have an agency authorization will have authorization letters granted by a specific government agency and CSPs that go through the JAB will have a P-ATO letter signed by the JAB.

## 1.13 Key Documentation Checks (Take 2)



### Notes:

#### Transcript Title

Key Documentation Checks

#### Image

Section 2.2 and 2.3: Does the information in this document match Table 1-1 in the SSP?

#### Audio

All SARs are subject to FedRAMP review. When the SAR has been reviewed by the CSP, has been satisfactorily documented by FedRAMP and CSP standards, and is ready for submission the 3PAO should post the document on OMB MAX and notify the FedRAMP ISSO of submission .

Once FedRAMP receives the SAR the document will pass through an Initial and Detailed review to check the document for quality and content.

The Initial Review will validate the document against FedRAMP standards for completeness and showstoppers. Checks are also made for common problems and critical controls.

The majority of the Initial review will check for Completeness. The FedRAMP PMO is specifically looking to check if all sections and tables of the SAP are populated with relevant information and if that information is complete.

Beginning our review at Section 2.2 and 2.3 the FedRAMP PMO checks to verify this information is consistent with the information in the SSP? Typically, this information contains short excerpts cut and pasted from SSP.

Section 3: Are there any modifications to this section? Review any modifications to determine that they do not degrade or impact the completeness or integrity of the testing and that they do not deviate from the SAP. The PMO will check for completeness of this section and review all tables to ensure that the tables have not been manipulated and contain the right level of information regarding the assessment.

Section 4: There should be no changes to this text and the bulleted list of elements and the bulleted paragraphs must match.

Table 5-1: Ensure scans and artifacts verify remediation of the specific finding.

Table 5-2: Ensure that the mitigating factors and compensating are sufficient to support the adjustment. If

artifacts are referenced, ensure the artifact has been provided or is available for review on-site.

Table 5-3: Ensure that the mitigating factors and compensating controls are sufficient to mitigate the risks.

Table 6-1: Does the table contain any information? If there are not risks, ensure there is text in the paragraph above the table describing the test methodology used to make the determination. For example, ISAs were reviewed and interfaces were tested. This is especially important for PaaS and SaaS leveraging other systems.

Section 7: Review all changes in first paragraph for correctness and consistency with the Executive Summary. Review all changes in the last paragraph for a correct recommendation. If this is an initial assessment - the word "continuous improvement" is not applicable and should be removed. This must meet the intent of the attestation and recommendation.

Table 7-1: Does this table include all items listed in Table 4-1, except operationally required and low impact items? Are High items listed first in this table? They may be grouped, but all risks including their unique ID must be included in order of High to Moderate [Low risks are not required to be listed]. Typically, this information contains short excerpts cut and pasted from SSP.

And finally Appendix B: Test Cases - Verify that the information in the Observation and Evidence column for each test case contains the following:

The appropriate assessment method was used - actual examination was done for an examination, actual test for a test, and an actual interview was done.

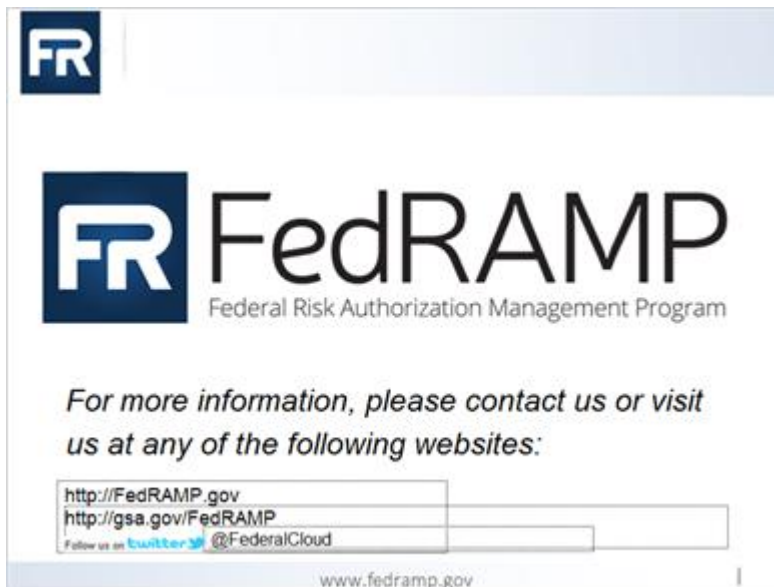
There is enough detail to determine how the test was completed that also includes, references to artifacts that are provided or otherwise available for review onsite.

- Names, roles, dates and topics discussed for interviews is provided. Sufficient details of observations to determine that the test was completed.

Sufficient artifacts and evidence is described to support results of the test. If there is text that indicates the test was not completed or the results do not match the test objective, then Column I must indicate "other than satisfied" and Columns J-N must be completed. For example, a result that indicates no account lockout on Widows systems cannot be identified as "satisfied."

- The FedRAMP PMO will also review the other Appendix attachments as well for verification and adequacy.
- In addition, ensure that the applicable artifact and other documentation is reviewed. For example, the SSP may sufficient for some tests and additional specific artifacts are required for other tests.

## 1.14 Untitled Slide



### Notes:

**Transcript**

Title <N/A>

**Image**

Image of FedRAMP logo.

**Text**

For more information, please contact us or visit us at any of the following websites:

<http://FedRAMP.gov>

<http://gsa.gov/FedRAMP>

@FederalCloud

**References**

1. Penetration Guidance

2. NIST 800 53

3. A2LA Website

4. SAP Template