

What is FedRAMP?

The Federal Risk and Authorization Management Program (FedRAMP) is a government-wide program that provides a standardized approach to security assessment, authorization, and continuous monitoring of cloud-based products and services.

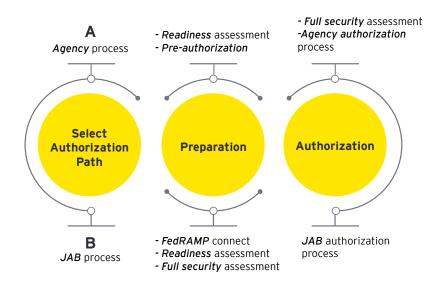
It is a program to standardize how the 'Federal Information Security Management Act (FISMA)' applies to cloud-based products and services. FedRAMP is a "Do once, Use many times" framework, it reduces the cost of FISMA compliance and enables to secure data and detect cybersecurity vulnerabilities at unprecedented speeds.



FedRAMP is required for a Cloud Service Provider (CSP) providing a Cloud Service Offering (CSO) to a federal agency. This allows the government agencies to use public cloud offering without security concerns.

Types of FedRAMP Authorizations

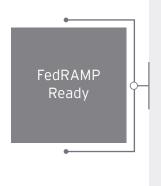
- Agency Authority to Operate (ATO)
- Provisional Authority to Operate (P-ATO) from Joint Authorization Board (JAB)



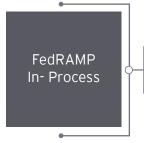
Note: Readiness Assessment is required for the JAB Process and is optional but highly recommended for the Agency Process.

Stages of FedRAMP

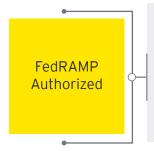
To achieve the FedRAMP Ready designation, a CSP must work with FedRAMP-recognized 3PAO to complete a Readiness Assessment of its service offering.



- The organization defines the authorization boundary for their Cloud Service Offering (CSO)
- Organization finalizes on its System Security Plan (SSP) in lines with the system impact levels derived from the Risk Assessment
- Organization partners with an accredited 3PAO (Third Party Assessment Organization) to complete a readiness assessment of its service offerings comprising two main phases-control testing and penetration testing
- ➤ 3PAO delivers a Readiness Assessment Report (RAR) attesting to organization's readiness for the authorization process
- RARs are reviewed by **FedRAMP PMO**. Once RAR is deemed satisfactory by the PMO, the organization will be designated **FedRAMP Ready**

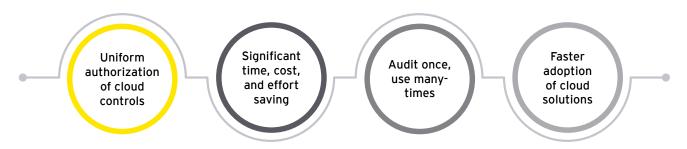


- ► 3PAO develops Security Assessment Plan (SAP), conducts **Full Security Assessment** and produces Security Assessment Report (SAR)
- Organization develops a Plan of Actions and Milestones (POA&M) to track and manage system security risks identified in the SAR
- Prior to the Authorization Process, SSP, SAP, SAR, and POA&M must be completed in FedRAMP templates and submitted together to FedRAMP PMO



- Conduct kick-off meeting with JAB, FedRAMP PMO, 3PAO, and the organization's authorization team
- ▶ JAB conducts a detailed review of the security authorization package
- The organization and 3PAO remediate system and documentation issues as needed and ensure all JAB reviewer's comments are appropriately addressed
- JAB reviewer reviews and re-validates the remediation efforts, the CSP receives a P-ATO decision and formal authorization to their CSO

Key benefits of FedRAMP



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EY's Capabilities

FedRAMP Readiness Assessment

- EY can assist you in conducting a risk assessment based on FIPS 199 (Federal Information Processing Standard Publication) to determine the applicable FedRAMP (high, medium, low) baseline controls for the CSO
- EY can assist you in conducting a gap assessment of your cloud solutions against the FedRAMP controls to ensure that the CSO is ready for an assessment by 3PAO

FedRAMP Authorization Support

- EY can help you navigate the authorization process by providing guidance and support throughout the process
- EY will provide assistance in remediating the gaps identified during the external audit (3PAO security assessment)

FedRAMP Continuous Monitoring

 EY can assist you in developing and implementing a continuous monitoring program to ensure that your cloud solutions remain secure and compliant

Remediation Assistance

- EY can assist in creating necessary documents such as the System Security Plan, POAM document, etc.
- EY will assist in designing/ aligning the policies and procedures as per FedRAMP control requirements

Security Testing

- EY can help you in performing security testing of the information systems and applications
- EY can assist you in performing a comprehensive assessment of critical controls





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