



Federal Risk and Authorization Management Program

# FedRAMP Progress

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## Topics for Discussion

- Success at the End of 2016
- FedRAMP High Baseline
- FedRAMP Dashboard
- FedRAMP Accelerated



## SUCCESS AT THE END OF 2016

### At the end of this year, success for FedRAMP looks like:



- **Larger Marketplace**

- 90 Cloud Providers Authorized
  - 35 at JAB (currently 30)
  - 55 at Agencies (currently 40)

- **Faster Authorizations**

- Multiple Authorizations through Accelerated Process
  - ATO's in 3-6 months
  - New JAB Prioritization Criteria
  - Scaling Authorization Process to Increase Total Number of JAB Authorizations

- **Increased Transparency**

- FedRAMP Dashboard on [www.FedRAMP.gov](http://www.FedRAMP.gov)
  - Increase visibility of which cloud providers are being used
  - Increased accountability for agencies by highlighting agency use of FedRAMP



## FedRAMP High Baseline



1. JAB and FedRAMP created, publically vetted, finalized, and published high security controls baseline
2. FedRAMP demonstrated it is possible to authorize cloud systems at the high baseline
3. CSPs are equipped with the high baseline requirements and more agencies now have the option to hire secure CSPs
4. Three CSPs granted JAB P-ATOs (Microsoft - Azure Government (IaaS/PaaS), Amazon Web Services - GovCloud (IaaS), Autonomic Resources/CSRA - ARC-P (IaaS))

**More agencies have the ability to move their high systems to the cloud, improving the safety of the sensitive data (e.g, financial, health, and law enforcement data) the government holds.**



## FedRAMP Accelerated: Stakeholder Feedback





# What We Heard

<b>PMO</b>		<b>How Accelerated Addresses It</b>
Initial review queue is lengthy; prioritization criteria is not clear		FedRAMP PMO is publishing prioritization criteria in collaboration with the JAB and industry within the next 60 days
Despite constant work by the PMO, the CSP does not have insight into the work being done throughout the entire authorization process		CSP, 3PAO, and JAB Teams now have access to FedRAMP Accelerated diagram that lays out steps of new JAB authorization process
Initial review process is the gateway and throttle of FedRAMP, and requires more resources than explicitly acknowledged		Developed and published Readiness Assessment Report to determine whether CSPs are qualified to be prioritized by the JAB



# What We Heard

<b>JAB TRRs</b>		<b>How Accelerated Addresses It</b>
During the reviews of CSPs, the JAB wants to focus on performing reviews on the risk posture of systems		JAB TRRs are focusing reviews on risk posture of system with majority of process time focused on risk analysis
Resources are a challenge for the JAB, both in terms of technical expertise and availability of resources		JAB now has fully dedicated resources to the new FedRAMP Accelerated process
JAB desires more accountability from all stakeholders involved in FedRAMP process		JAB and PMO signed an internal FedRAMP teaming agreement that serves as the commitment of both teams to meet deadlines and communicate on a regular basis



# What We Heard

<b>CSPs, Agencies, 3PAOs</b>		<b>How Accelerated Addresses It</b>
The security rigor of FedRAMP is the best in the Federal business		The FedRAMP Accelerated process maintains the integrity or security by allowing the JAB TRs to work with CSPs in person
There may be duplication of work between 3PAOs and ISSOs		ISSOs are now FedRAMP Authorization and Delivery Leads responsible for facilitating the relationship between the JAB and CSP and 3PAO, on-time delivery, sharing security best practices and governance, and setting clear expectations and communicating to all stakeholders
Critical decisions on behalf of FedRAMP are perceived to be based on relationships rather than an unbiased process		FedRAMP PMO is developing Prioritization Criteria in collaboration with industry (via ACT-IAC) and the JAB to create a rational, fair process where CSPs are selected to participated in the JAB P-ATO process



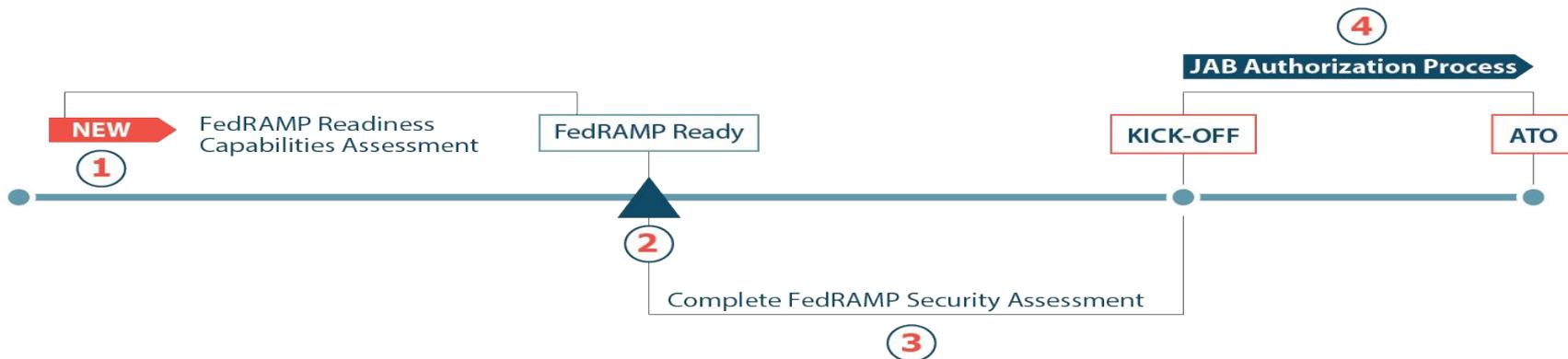
# FedRAMP Accelerated Goals

- **Faster Time to Authorization**
  - JAB P-ATOs in 3-6
- **Equal or Less Risk**
  - Maintain agency trust in FedRAMP security high
- **Same or Higher Quality of Deliverables**
  - Ensure agencies have all the information they need
- **Work with Impactful CSPs**
  - Make sure CSPs the JAB works with to authorize are being used governmentwide



# ACCELERATED PROCESS

## FedRAMP ACCELERATED

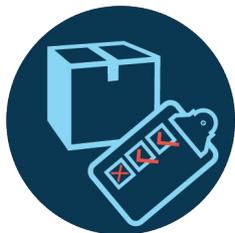




1. **Greater certainty of success:** The first three CSPs in the new process Microsoft CRMOL, Unisys SPGS and Edge, and cloud.gov are “FedRAMP Ready” and successfully completed the readiness assessment
  - **More transparency in the process:** CSPs have direct access to TR review team members to resolve issues in real time
2. **Faster speed to authorization:** Microsoft CRMOL JAB TR review team members said the two-day kick-off session format saved months of review time.
  - CRMOL kick-off session took place on June 7-8, 33 days after being deemed “FedRAMP Ready”
3. **Predictability in timeframes for authorizations:** The PMO shared and socialized a JAB P-ATO process diagram with CSPs, 3PAOs, and JAB members participating in the FedRAMP process.



## FEDRAMP ACCELERATED: NEXT STEPS



### Next Steps

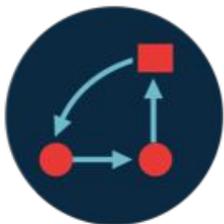
- Finalize **capacity** of FedRAMP program with Joint Authorization Board Teams
- Finalize **prioritization** criteria for new vendors
- Select and **kickoff** with new vendors to authorize



## FEDRAMP ACCELERATED: CAPACITY

### CAPACITY

- Working with teams to clearly define working relationship with PMO
- Redefined for PMO to be oversight and performance management, JAB teams to perform technical reviews
- Defining overall capacity for Continuous Monitoring existing systems, new authorizations





# FEDRAMP ACCELERATED: PRIORITIZATION



## Prioritization

- **FedRAMP Policy Memo**
  - JAB Teams create criteria, PMO applies criteria to select vendors
- **Coordination with Stakeholders**
  - Created working group with ACT-IAC to get feedback from cloud providers, assessors, and agencies
- **Finalizing Criteria with JAB Teams**
  - FedRAMP Ready (y/n)
  - Demand (y/n + scaled)
  - Preferences (govt only, high > mod > low, new/innovative)
- **Developing Selection Process for Prioritization**
  - Agency Advisory Group under Federal CIO Council
  - Great Pitch Style selection process with agency participants



# FEDRAMP ACCELERATED: TAILORED PROCESS



## Tailored Process

- **Current FedRAMP = One Size Fits All**

- FedRAMP was designed to be agnostic to all types of clouds
- Infrastructure, Platform, and Software
- Private, Public, Hybrid, Community
- High impact, moderate impact, low impact

- **FedRAMP Designed to Iterate**

- Started with only low and moderate systems, iterated to include high
- Started with heavy focus on infrastructure based on agency demand and market availability

- **Next Iteration = Tailored / Flexible FedRAMP**

- Need to have a tailored process for unique uses of cloud
- NOT all cloud is the same
- This will require more government collaboration with vendors
- ~60% complete with a draft with GSA CIO, CTO, and 18F