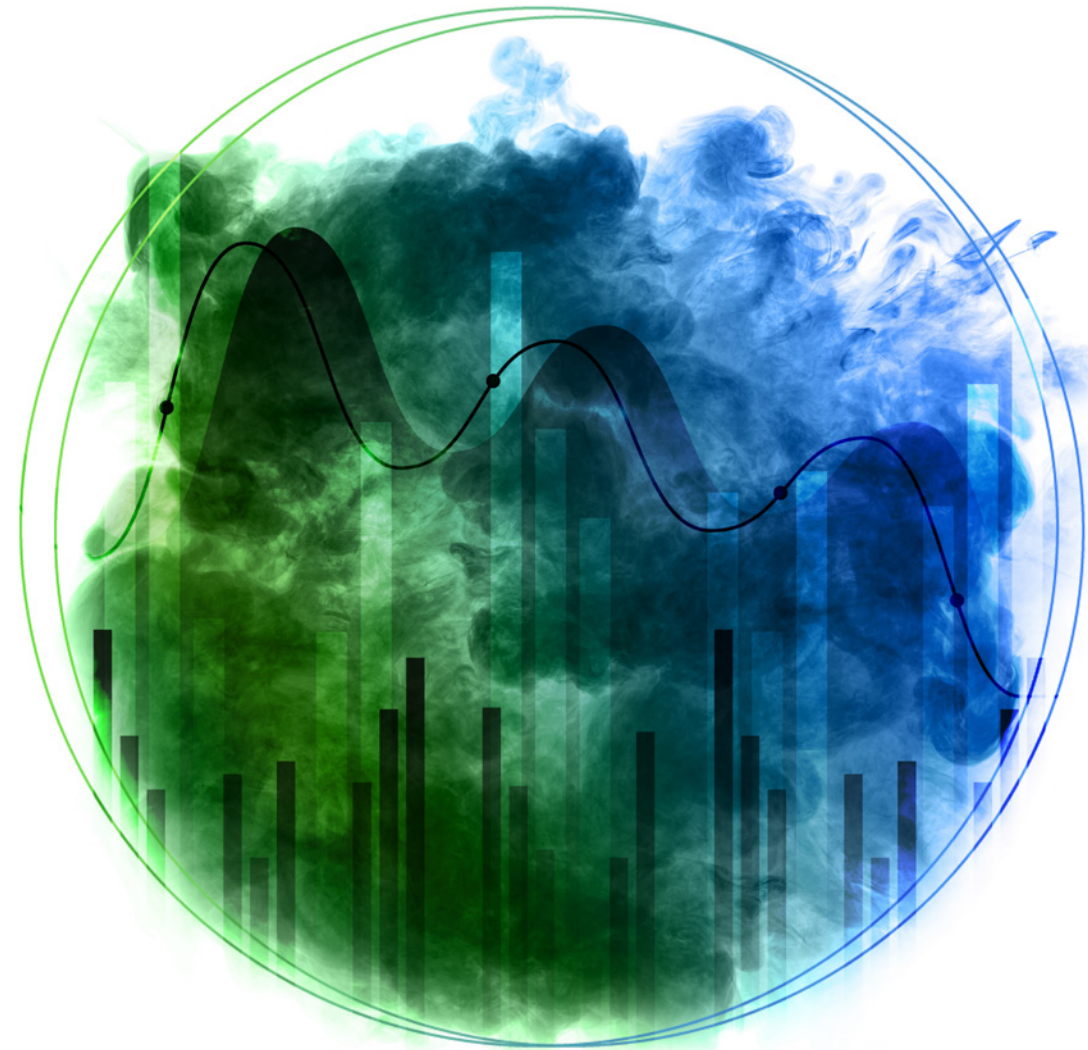




Accelerating cloud migration at scale with Deloitte and AWS for federal government



Federal government IT leaders often face constant—or increasing—budget and regulatory pressures, while attempting to accommodate growing mission demands. Moving to cloud is often the first step to amplifying business value, embracing transformative technologies, and growing both efficiency and innovation within an organization.

When it comes to cloud, there is increasingly a demand towards:

- Quick cloud suitability assessments (including operating model and security)
- Analyzing the migration of complex and tightly integrated solutions
- Mission-specific migration
- Upgrading and modernization as part of the lift and shift migration
- Data center migration to meet a time bound exit, increase operational efficiencies, and reduce risk
- Cloud migration to improve an organization's security posture

For federal leaders, modernizing security policies, evaluating business process dependencies, and understanding the impact of migrations on the federal workforce are imperative when migrating to the cloud. By accelerating the transition to cloud, though, federal agencies can uncover what's possible for their organization.

Deloitte and Amazon Web Services (AWS) have teamed together to develop an approach that consists of three phases to help you migrate to cloud faster:

Phase 1: A migration readiness assessment (MRA) is conducted, which is the beginning of the organization's journey to a well-planned and executed migration. This can be completed in as little as 10 weeks to build a migration plan.

Phase 2: After the MRA, the organization progresses to the migration readiness planning (MRP) phase which builds the organization's capability to migrate to and operate via cloud.

Phase 3: Once the MRP phase is complete, migrations can proceed rapidly and efficiently, building on the foundational capabilities that have been placed into a full-scale cloud operating model.

Phase 1 Migration readiness assessment

Initiation

A library of migration methods, templates, and tools are used to **identify applications that can be moved to cloud** and integrated with standard **program governance** tooling.

Discovery and assessment

A comprehensive and **automated infrastructure and application discovery** identifying key metrics are analyzed and prioritized based on dependencies to **determine cloud stability and migration paths**. Build **business case** and TCO based on analysis.

Phase 2 Migration readiness planning

Readiness planning

Leverage discovery data to **plan the migration schedule and design architecture effectively** utilizing templates, AWS-specific reference architectures, run books, and automated platform build scripts. **Plot migration** on select applications using tools to accelerate.

Phase 3 Migrate and modernize

Migration and modernization

Cloud platform tools to support the **automated build of target landing zone** and an end-to-end migration tool capability to **execute migrations and modernization** activities.

Testing and cutover

Automated testing scripts to support application testing as well as integration, security, and performance testing validation. **Migration orchestration and communication** tooling and synchronization to support live migration. **Final cutover** is completed.

Transition

Transition to cloud-managed services, decommission old assets, and **perform cost optimization**, leveraging tools and implementing billing and chargeback processes.

Deloitte's mass migration ATADATA cloud management platform

ATADATA™ is Deloitte's automated cloud management platform designed to streamline the mapping, migrating, and managing of enterprise-class workloads in any combination of hybrid IT and cloud environments. ATADATA integrates with AWS, supporting migrations to AWS GovCloud and is approved by AWS as the sole migration technology for migrations to AWS Outposts. ATADATA is an agentless, secure, automated cloud management platform that seamlessly maps, migrates, and manages infrastructure. Using our technology platform, we can enable government agencies to realize the transformative power of the cloud.



Integrated discovery & migration



Agentless



Robust clone engine



Auto-provisioning



Secure data paths



Minimal downtime

Why Deloitte and AWS?

The Deloitte and AWS approach can not only scale quickly to support large-scale cloud migrations, but it can also put in place a repeatable structure so that stakeholders across your organization are brought along the cloud journey. As an APN Premier Consulting Partner, Deloitte will work with you to utilize AWS programs, including the Migration Acceleration Program (MAP) which provides funding opportunities to help reduce the risk of migrating to AWS.

Deloitte has also formed a strategic collaboration with AWS Professional Services to help our customers innovate and optimize future business outcomes by migrating and modernizing their workloads effectively and efficiently. **At Deloitte, we collaborate with AWS on migration best practices and incorporate these improvements back into our joint approach, helping our clients discover their possible and make it their actual.**



Lets talk

Do you have a plan for migrating to AWS? At Deloitte, we can help you become a cloud-fluent organization and mitigate the risks associated with cloud adoption. Contact us to learn more about how we can help fast-track your enterprise cloud transformation.

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