Powerful.
Proven.
Possible.

Accelerating business agility through cloud services integration and migration

As you continue your IT modernization journey, integrating cloud services into your IT service portfolio can have significant benefits. However, this involves a very complex set of distributed activities that must be managed crisply and at speed. With many business changes taking place, even a simple integration can quickly become a fog of conflicting goals—impacting vendors, balance sheets, and even regulatory compliance. To help accelerate the effectiveness and value cloud integrations can deliver, Deloitte provides a full lifecycle of support in planning, integration, migration, and management of your cloud transformation.

Deloitte's specialized knowledge and strong collaboration with Amazon Web Services (AWS) helps enable us to integrate the right set of cloud services, map applications and infrastructure, and determine the right migration path and landing zone. Whether that's re-hosting, re-platforming, or re-factoring, we can help you unlock business value.

*Deloitte has successfully helped numerous clients across industries—including the financial and public sector. At one of our state and local clients, Deloitte established a **Cloud Center of Excellence (CoE)** that accelerated the adoption and migration of their transformation. Following an agile approach, repeatable patterns, and leading practices recommended by AWS and other industry leaders, we were able to migrate applications in a "factory like" environment, and **deliver improved value to our client.***

In another instance, a major insurance player began an ambitious journey to enable digital transformation. To achieve their desired end state, Deloitte took an iterative and phased approach—starting with alignment of cloud benefits, strategy, and cloud suitability assessments. The assessment entailed discovery and analysis of the client's application portfolio to determine each application's migration complexity relative to other applications. Using technical data, business inputs, and cloud suitability factors, this led to a better understanding of specific business and technology risks—impacting data management and controls, security, identity and access management, resiliency and availability, vendor management, and governance and risk management.

Our next step in the journey included developing a migration roadmap. The roadmap was prioritized based on complexity, criticality, cost savings, and level of effort. The Deloitte team conducted proof of concepts by hosting a set of applications on cloud and demonstrated the art of the possible. Building on that success, Deloitte migrated a series of applications while leveraging native services including Amazon Elastic Compute Cloud (Amazon EC2), Amazon Simple Storage Service (Amazon S3), AWS CodeDeploy, Amazon WorkSpaces, AWS Identity and Access Management (IAM), AWS CloudTrail, AWS CloudFormation, Amazon CloudWatch— amongst others.

Migrating a single application to cloud can seem straightforward. Sometimes it is. But more often, that application's function is tied to multiple business processes that can be affected. Moreover, different stakeholders may have different perspectives, motives, and expectations from your move to cloud. Bring them all together, and it can add up to a series of opposing priorities, broken dependencies, and cost overruns.

Deloitte helps amplify value through cloud integration and migration services

- Deep vendor relationships with cloud service providers like AWS

- Extensive knowledge of third-party tools which enable effective solutions and minimize risk on our client's behalf

- Understanding the technology challenges our clients face and the implications for their finances, regulatory compliance, lines of business, and more

- Proprietary tools that can perform detailed top-down and bottom-up scenario analyses across multiple migration scenarios to build the right business case and cloud migration strategy for our client's needs

- Comprehensive experience in helping our clients solve all their tech migration issues—such as licensing challenges, target tech stack requirements, cloud native application needs, and more

Contacts

Anthony Easom
Principal | Deloitte Consulting LLP
aeason@deloitte.com

Jonathan Bauer
Principal | Deloitte Consulting LLP
jobauer@deloitte.com