



## AWS Global Practice

# AWS Migrate—legacy modernization

Improve time to market and reduce risks with Cognizant AWS Migrate

### Accelerate cloud adoption with Cognizant AWS Migrate

Cloud computing has emerged as a viable solution for a range of issues that have plagued enterprises across the world and overburdened IT for years. According to IDG’s 2018 Cloud Computing survey, “Organizations have moved nearly half (48%) of their IT environments to the cloud, with 69% of IT environments expected to be cloud-based in the next 18 months.”

Migrating applications and data to the cloud is becoming a routine industrial activity in the digital age, which business and IT stakeholders can launch quickly, efficiently and effectively. However, in a highly fragmented market, enterprises find it challenging to choose the best-suited cloud services, deployment models and workloads from the multitudes of choices currently available.

Cognizant AWS Migrate accelerates your cloud adoption journey with a low-risk ‘factory’ approach that addresses your migration challenges with a comprehensive framework encompassing two stages:

- 1. Assess and Plan:** To determine workload-specific strategies and migration roadmaps/approach.
- 2. Migrate and Validate:** To securely migrate workloads to the AWS Cloud and validate benchmarks.

### Cloud migration challenges

Migrating to the cloud can be a difficult, cumbersome and risky exercise for traditional enterprises that have relied on legacy in-house systems to deliver services and revenue for years.

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## Get your enterprise apps up and running with AWS Cloud

Some of the typical challenges faced by enterprises considering cloud migration include:

- Deciding on the workloads to be moved and the order of migration.
- Maintaining the reliability and performance of business-critical services.
- Implementing appropriate levels of security controls and regulatory compliance.
- Choosing the right cloud provider from a performance, price and security perspective.
- Ensuring the migration does not disrupt existing IT service management processes, such as patches and enhancements, or the workloads managing such processes.
- Increasing the velocity of migration with minimal impact on cost.

Moreover, enterprises simply cannot afford to spend months or years choosing the right migration service to meet their needs.

### Structured and agile migration factory approach to accelerate cloud journey

Cognizant AWS Migrate is a comprehensive migration offering that is capable of helping enterprises execute and fast-track their cloud strategy with a structured, holistic and agile migration factory approach for full-stack migration that includes apps, infrastructure, security and DevOps.

Another key factor that drives AWS Cloud migration is a technology refresh to improve business agility. Cognizant's legacy modernization framework is the right approach to realize the benefits of a cloud-native application architecture. The framework uses a defined, repeatable set of processes built on what we call the Cognizant Cloud Steps Transformation

Framework. This not only helps reduce time to market but also adds value to AWS Cloud-enabled business transformation projects.

### Cloud Steps Transformation Framework

The Cloud Steps Transformation Framework breaks the planning and execution of a cloud migration, as well as the ongoing management and optimization of the cloud, into a series of strictly defined processes using the agile methodology executed through scrums.

Various accelerators, such as prebuilt solution blueprints and patterns, migration tools and factory models, performance dashboards and governance frameworks, and integrated change management, power the framework.

### The five-step approach to cloud transformation includes:

- 1. Vision and Strategy:** Ensure alignment with business and IT strategy.
- 2. Assess and Plan:** Assess portfolio for cloud suitability and cloud migration viability.
- 3. Design and Build:** Set up a secure AWS Cloud environment based on workload requirements.
- 4. Migrate and Validate:** Transition workloads to the AWS Cloud environment.
- 5. Run and Optimize:** Manage cloud-based systems, including service, and perform continuous optimization.

Cognizant cloud migration services leverage a combination of various native and third-party migration tools to get enterprise applications up and running on AWS. These tools help workloads validate, run and migrate applications into AWS without rewriting them, modifying the image or changing management processes.

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## Business benefits

- Improves quality and reduces cost of ownership by leveraging intelligent service delivery powered by Cognizant's integrated automation ecosystem—Cognizant® Automation Center.
- Delivers a scalable and repeatable migration methodology through a factory model, which reduces the cost of apps by 20% to 40%.
- Improves time to market by 20% to 30% using an integrated DevOps pipeline with a layered cloud security model.
- Provides a unified pricing model across applications, infrastructure and security.
- Rationalizes the application portfolio and identifies applications that are suitable for cloud migration using a full-stack discovery and assessment methodology.

For more information, visit <https://www.cognizant.com/cognizant-digital-systems-technology/cloud-enablement-services/cloud-migrate>

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## About Cognizant

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 193 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at [www.cognizant.com](http://www.cognizant.com) or follow us @Cognizant.

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