Cognizant Digital Systems & Technology

Cloud Migrate

Reduce time to market and improve quality with Cognizant Cloud Migrate.

Accelerating cloud adoption with Cognizant Cloud Migrate

Cloud computing has emerged as a viable solution for a range of issues that have plagued enterprises across the world and overtaxed IT for years. According to a survey by LogicMonitor[1], it is predicted that 41% of enterprise workloads will be run on public cloud platforms by 2020, driven by the need for digital transformation and IT agility.

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

Factory approach to the cloud

Cognizant Cloud Migrate accelerates your cloud adoption journey with a low-risk factory approach that addresses your migration challenges with a comprehensive framework.

Cloud migration challenges

Moving workloads to the cloud helps leading companies lower their operating costs and build modern IT environments capable of rapid, integrated, highly automated development and operations. But migrating to the cloud can be a cumbersome and risky exercise for traditional enterprises that have relied on legacy in-house systems to deliver services and revenue for years.

Some of the typical challenges enterprises face when 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.

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- Choosing the right cloud provider from a performance, price and security perspective.

- Ensuring the migration doesn't disrupt existing IT service management processes, such as patches and enhancements, or the workloads managing such processes.

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

Cognizant Cloud Migrate

Cognizant Cloud Migrate is a comprehensive migration offering that helps enterprises 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. This not only helps reduce time to market but also adds value to cloud-enabled business transformation projects. This approach follows a defined, repeatable set of processes built on what we call the Cognizant Cloud Steps Transformation Framework.

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, factory models, performance dashboards and governance frameworks, as well as integrated change management processes power the framework.

The five-step approach to cloud transformation:

- **Vision and Strategy:** Ensures alignment with business and IT strategies.

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

- **Assess and Plan:** Evaluates portfolios for cloud suitability and cloud migration viability.

- **Design and Build:** Sets up a secure cloud environment based on workload requirements.

- **Migrate and Validate:** Transitions workloads to the cloud environment.

- **Run and Optimize:** Manages cloud-based systems, including service.

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

Business benefits

- Reduces the cost of apps by 20% to 40% using a scalable and repeatable **migration methodology** delivered through a factory model.

- **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 suitable for cloud migration using a full-stack discovery and assessment methodology.

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 194 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 or follow us @Cognizant.

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