Enterprise Cloud Migration Assessment Services for Azure

With the business benefits of cloud deployment becoming self-evident, companies across industries are adopting the technology. They are considering taking on large-scale cloud migration projects leveraging software-as-a-service (SaaS), platform-as-a-service (PaaS), and infrastructure-as-a-service (IaaS) offerings by leading cloud service providers. Amid that paradigm shift, Microsoft Azure has emerged as one of the preferred providers of cloud platforms. However, enterprises looking to accelerate Azure adoption must invest in cloud fitment analysis to design a prudent cloud migration roadmap, and prioritize a phased approach that refrains from following a one-size-fits-all model.

With Tata Consultancy Services' (TCS') Enterprise Cloud Migration Assessment Services for Azure, companies looking to move business critical applications to Azure public cloud can benefit from a customized assessment and migration roadmap tailored to their business objectives, constraints, and priorities. Our Azure experts work closely with organizations to identify the optimal target state of their individual applications, and prioritize and sequence them for migration, delivering an effective and cost-efficient cloud transformation program.

Overview

The success of any enterprise-wide cloud migration engagement is defined by a well-calculated migration strategy that prioritizes low-hanging fruits and tackles complex application landscapes at a later stage. While the core benefits of cloud – reduced total cost of ownership and faster time to market – have been proven, results can vary greatly depending on the sequence in which the applications are migrated owing to inherent interdependencies and suitability constraints. Moreover, in some cases, making a business case for carrying out a risky migration involving mission critical applications is tough. Those concerns can only be alleviated by performing a detailed cost benefit analysis to prove that expected cost savings would outweigh the possible business continuity risk.

Our Azure Migration Assessment includes a detailed cloud suitability assessment based on our proven Azure Optimal Adoption Framework and its associated toolkit, which enables a fast and consistent experience. A team of seasoned Azure specialists study your application landscape to collect application and infrastructure details. That is followed by an in-depth technical and cost benefit analysis, and subsequently, leads to the development of a holistic and targeted Azure migration roadmap. The assessment report for every application covers the target deployment model, migration path, and the return on investment (ROI) analysis to help enterprises make informed decisions.

Our Solution

TCS' Enterprise Cloud Migration Assessment Services for Azure is carried out in the following three phases:

- **Planning:** Ascertain the organization's objectives, priorities, and preferences to appropriately define the key parameters for shortlisting applications moving forward to the detailed assessment stage. At this stage, applications are also arranged in the order of priority for the assessment stage.

- **Assessment:** Gather various details needed as inputs for the assessment of the shortlisted applications and perform the technical fitment and cost benefit analysis for cloud migration. Generate a granular assessment report for all the shortlisted applications.

- **Finalization:** Provide a rating for each application across various decision criteria such as migration complexity, risk involved, and expected cost savings post migration. Develop an integrated migration roadmap showcasing the sequence of migration for each of the application clusters.

Benefits

With the TCS Enterprise Cloud Migration Assessment Services for Azure, you can experience:

- **Accelerated Business 4.0™ Transformation:** Migrate core enterprise and customer-facing applications to the cloud to better integrate and leverage new age technologies for enabling mass personalization, creating exponential value, driving innovation, and embracing risk. Enhance business agility with the flexibility and scalability offered by Azure cloud, helping you achieve a sustainable competitive edge.

- **Better Azure Cloud ROI:** Increase the chances of a successful migration while aligning your cloud computing strategy with your key business objectives. Identify potential cost savings associated with each application more accurately to optimize the cloud strategy and roadmap.

- **Faster Time to Value:** Reduce migration assessment time by up to 30% using our proven assessment framework and toolkit. Improve speed to production by understanding server and application interdependencies and achieving an error-free migration.

- **Minimize Cloud Migration Risk:** Make informed cloud strategy decisions to mitigate business continuity risk associated with large-scale migrations.

The TCS Advantage

By partnering with TCS, you can leverage the following differentiators:

- **Strategic Partnership with Microsoft Azure:** TCS is an Azure Expert Managed Service Provider, Microsoft Partner Network (MPN) Gold Certified Partner and an active member of the MPN Cloud Solution Provider (CSP) program. Our collaborative partnership with Microsoft helps us create more value for our customers through prioritized technical issue and billing support, access to learning resources and vendor expertise, and regular updates on product roadmap.

- **360-degree Cloud Services Portfolio:** We offer a comprehensive portfolio of managed services on the Azure platform including foundation setup, application migration assessments, migration and modernization, cloud native development using containers and microservices, and Azure security and sustenance services. We also help our clients achieve DevOps maturity, implement SAP on Azure, accelerate data platform modernization, and deploy Blockchain solutions.

- **Machine First™:** Our Machine First Delivery Model™ (MFDM™) drives a machine-first philosophy, augmenting human capability through intelligent automation. When applied to the cloud migration scenario, the framework advocates the efficient execution of application migration to Azure followed by the adoption of an automation-led DevOps model. MFDM aligns with Business 4.0 and guarantees significant business results across cost reduction, customer-centricity, business agility, organizational productivity, and competitiveness.

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About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India's largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

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