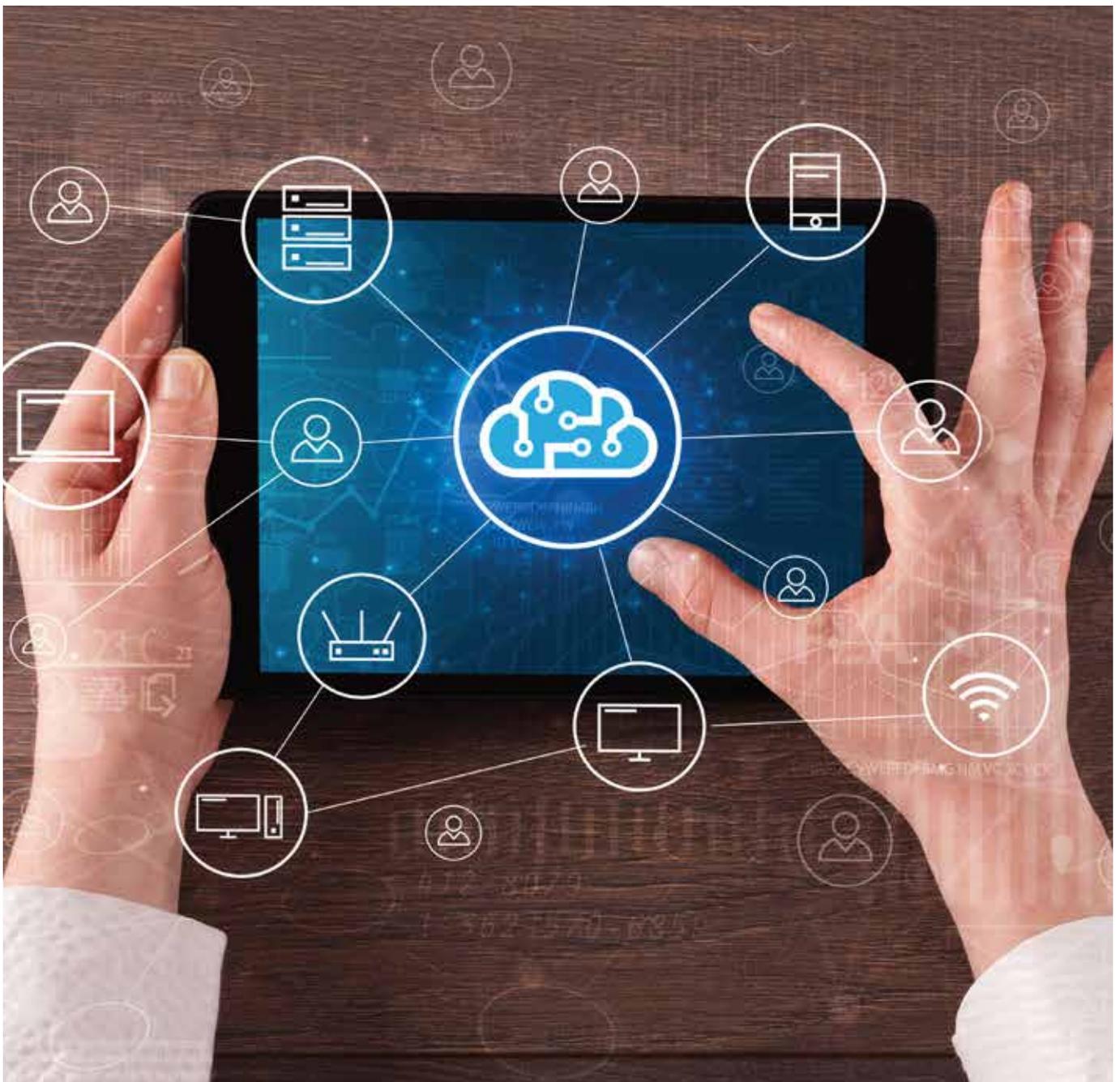


Governance Framework for Microsoft Azure

Microsoft Business Unit



As digitization gathers momentum, almost a quarter of the companies have moved to cloud-based applications for their core operations, while more than 10% are planning to expand their existing cloud infrastructure. The growing demand for social tools, such as chat and micro-blogging, has further accelerated this trend as cloud applications are more flexible and social than traditional on-site software. It is time for companies to implement a cloud governance framework that maximizes business value as they embark on a cloud adoption journey.

TCS Governance Framework for Microsoft Azure is a smart cloud solution that helps organizations gain better control and visibility over their business environment by automating cloud governance. By leveraging the DevOps provisions, the framework helps enterprises undertake faster cloud migration, reduce total cost of ownership, improve overall efficiency, and be future-ready.

Overview

With the growing popularity of cloud computing, many organizations are rapidly procuring cloud services offered by providers such as Microsoft. However, to ensure optimal adoption of Azure, governance is extremely important. While cloud service providers have their portals to manage and govern their clouds, they have several limitations that pose serious challenges for enterprises such as lack of control in streamlining cloud adoption, lack of standardization of cloud computing, security and compliance issues, operational inefficiencies, and cost escalations. Enterprises across the globe need a future-ready holistic solution that can address these problems.

TCS Governance Framework for Microsoft Azure is an end-to-end cloud management system that ensures the usage of Azure services as per best practices. The framework helps optimize the cost of Azure cloud services and provides companies a portal to define Azure governance policies as per their specific requirements. The solution allows enterprises to enable easier management of Azure services following a set of policies.

Solution

Designed to ensure the usage of Azure services in accordance with best practices and optimize the cost of cloud adoption on a continuous basis, TCS Governance Framework for Microsoft Azure is powered with the following features that make it a robust framework for overall governance:

- **Guidance and best practices:** Provides Azure governance throughout the cloud migration journey to provide a future-ready and holistic Azure governance solution
- **Future-ready portal:** Provides a unified view across Azure subscriptions and services, and defines Azure governance policies
- **Next-gen innovative solutions:** Allows auto-discovery of the resource map in an Azure subscription, applies governance policies to the resource graph, and generates compliance reports to track non-compliance issues and offers recommendations
- **Complete framework for Azure governance:** Analyzes Azure resource usage data to identify opportunities and generate recommendations for cost optimization

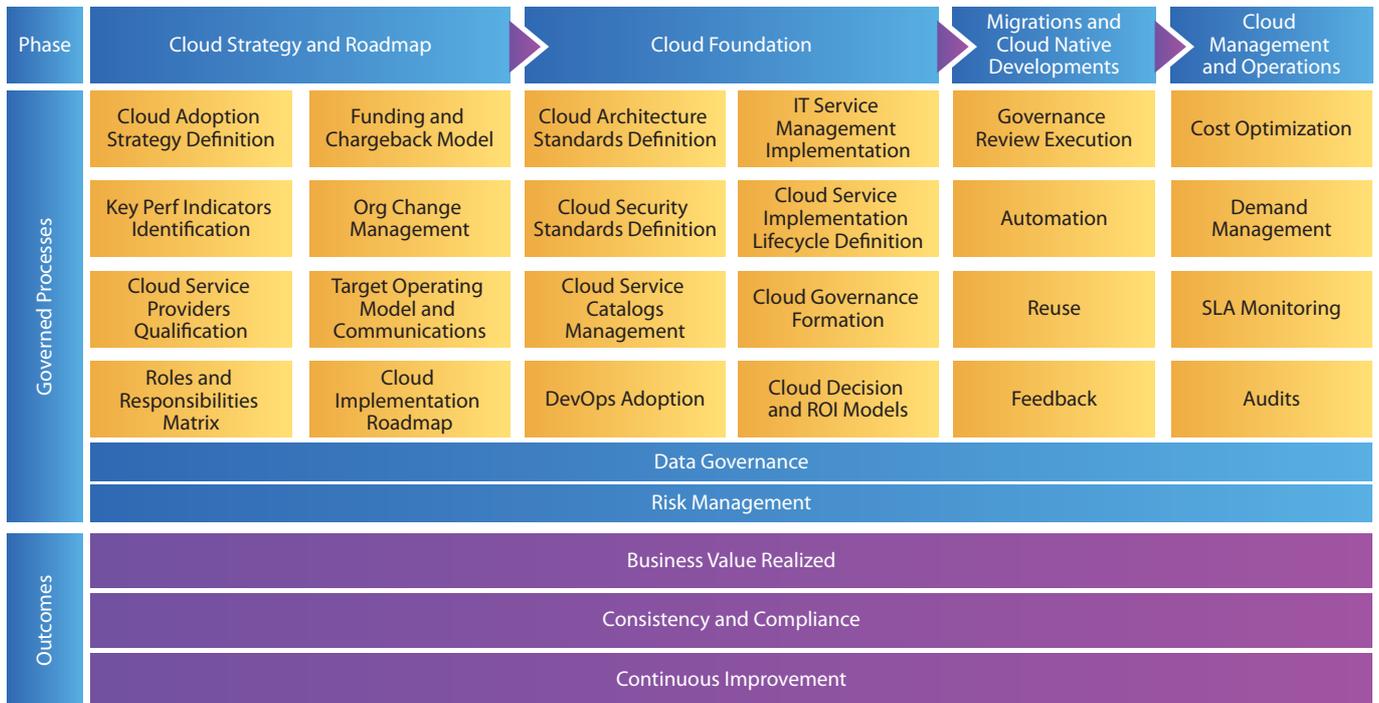


Figure 1: An overview of TCS Governance Framework for Microsoft Azure

Benefits

An overall framework for Azure governance and cost optimization, TCS Governance Framework for Microsoft Azure can help organizations reap the following benefits:

Reduce total cost of ownership

- Provides over 100+ proven cost optimization recommendations
- Pre-incorporated machine learning models help to fine-tune cost recommendations to suit individual cloud services and thus, reduce TCO

Improve overall operations efficiency

- Ensures security and scalability during application of cloud governance policies to suit the needs of enterprises
- Includes both standardized provisioning of cloud services and application of consistent policies under the umbrella of MBU Azure DevOps and Governance Service

Provides future-ready holistic solutions in reduced delivery time

- Helps publish enterprise approved cloud services using an in-built service catalog
- Offers a self-service feature that allows companies to use public resources with pay-as-you-go pricing model

The TCS Advantage

TCS believes in delivering real value to its clients to ensure they derive real value by investing their trust in TCS. Enterprises can leverage the following by joining hands with us:

- **Business experience and contextual knowledge across domains:** With several years of experience, a modern approach, and guidance of the SMEs at Microsoft, our team ensures that the solution can create exponential business value. TCS teams also have deep industry knowledge and a client-first approach. They are well-trained to deliver strategic Azure cloud solutions to fulfill the requirements of clients.
- **Modular, digital, innovative solution:** TCS Governance Framework features pre-defined policy templates and a comprehensive set of cost optimization recommendations to enable mass personalization. With a strong set of digital tools, the framework allows quick application of enterprise-grade governance policies and helps them succeed in the Business 4.0™ world.
- **Client-friendly delivery model:** Designed to help enterprises drive business outcomes beyond traditional efficiencies, the Governance Framework has a unique delivery model and leverages the power of Microsoft Azure Cloud Ecosystem and AI/ ML tools.

Awards & Recognition



To know more

Visit the [Microsoft Business Unit](#) page on [tcs.com](#)

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A part of the Tata group, India's largest multinational business group, TCS has over 453,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US \$22 billion in the fiscal year ended March 31, 2020, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the Dow Jones Sustainability Index (DJSI), MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit us at [www.tcs.com](#).

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