Cloud Readiness Assessment

Contents

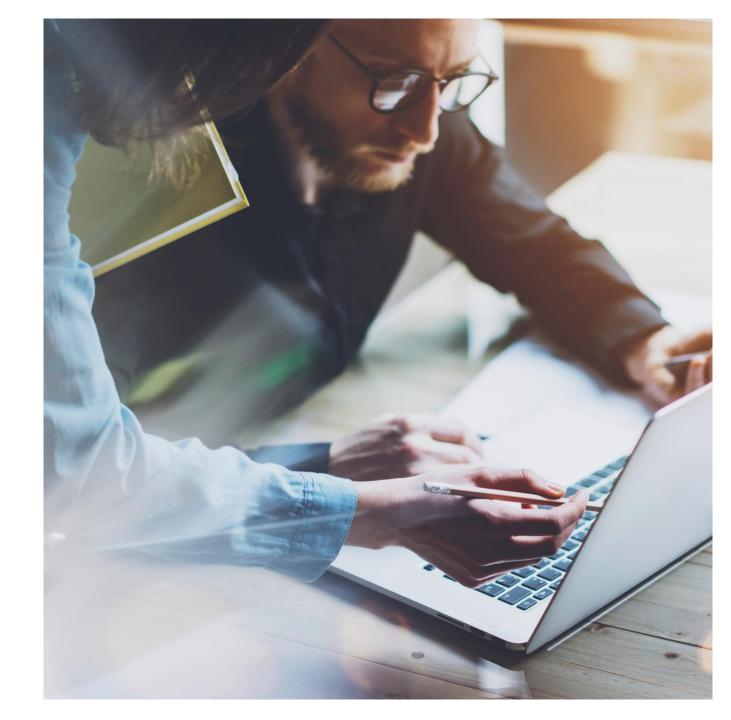# Cloud Readiness Assessment

- Most executives realize cloud technology's potential but do not know how and where to get started. This challenge is increased by an economic landscape that puts financial pressure on IT to deliver more business value at a lower cost.

- Most organizations can't predict their resource consumption, and a 'Cloud-First' strategy helps support business demands and pay only for usage.

- Cloud computing can provide enhanced capacity and additional capabilities monthly. This arrangement reduces the CapEx in hardware, software, and training. However, at the start of the cloud journey, one must thoroughly understand its applications, hardware, and network systems to support operations delivery efficiently.

- Synoptek's Cloud Readiness Assessment is a one-time assessment that establishes the current cloud maturity baseline and identifies the scope of potential changes to a client's current digital landscape for moving to the cloud. The service is delivered as a detailed report, including the rationale for cloud migration and further application transformation.

Service Overview

What is the Service?

Cloud Readiness Assessment provides organizations with cloud adoption strategies, portfolio transformation, and added cloud benefits. It focuses on guiding customers towards technology modernization, rationalization, remediation, and cloud migration. The assessment enables the customer to establish a cloud adoption maturity baseline and identify the potential scope of changes to the current digital landscape.

The service delivers :
- Potential scope of applications and technology ready to run in the cloud
- Public cloud future state reference architecture options
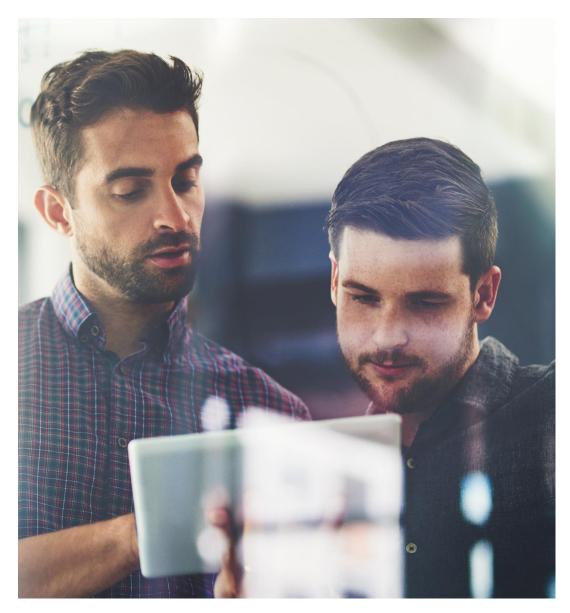- Total Cost of Ownership (TCO)

How Do You Use It?

This service helps address several challenges, including:
- High cost of maintaining legacy applications and infrastructure
- Lack of clarity on how to simplify, consolidate and optimize the IT ecosystem and operations
- Inability to rapidly deploy and scale services
- Reduction of risks including regulation, compliance, technical, business, and security risks
- Lack of knowledge on how to move workloads and underpinning infrastructure to the cloud
- Lack of cloud expertise and resource
- The high complexity of on-premise workloads
- Selection of the right cloud service providers
- Recent M&A creating technical complexity
- High cost to deploy new services

Note: This professional service is typically provided at a fixed price, based on the number of applications being considered and can be completed in 4-5 weeks.

What's in It for You?

This assessment helps you determine the suitability of selected areas of your IT to move to the cloud. It helps identify the workloads that are best suited for the cloud, leading to cost optimization and lowering the TCO. You also get answers to the questions and challenges typically raised early in the journey to the cloud.

The service delivers several business benefits for your organization, including:

- **Aligning business and IT in a cloud computing strategy:** We map information to a cloud computing adoption framework that allows us to identify suitable cloud service options and the opportunities offered by each option. We then provide recommendations to help you select the workloads and the cloud deployment models that best meet your business goals.

- **Analyzing workloads for optimum benefit in a cloud environment:** We help analyze your IT workloads and then use a "pains-versus-gains" analysis to prioritize these workloads according to their characteristics and affinity for deployment from a cloud environment perspective. The resulting scorecard helps you quickly determine the workloads with the most business value when migrated to the cloud.

- **Planning for a smooth implementation:** After identifying the most appropriate workloads, we work with you to assess your infrastructure readiness. We conduct a gap analysis and summarize the various IT improvements required to implement the target cloud delivery model. As cloud adoption can result in many changes to your existing IT department, we provide a detailed, actionable roadmap recommending the necessary adjustments to facilitate a smoother transition to the cloud.

What's Included in the Cloud Readiness Assessment?

Our cloud solution architects help you analyze your existing environment and determine which cloud provider best suits your business. We then help you identify the business areas and workloads that, when migrated to the cloud, enable you to reduce costs and improve service delivery.

The final output of the service includes:
- Customer business drivers for cloud
- Install Discovery Tool
- Analyze in scope workloads
- Projected pricing options for IaaS
- Key recommendations and next steps

Public:

The cloud infrastructure is made available to the general public or a large industry group and is owned by an organization selling cloud services (a.k.a. public cloud provider).

Private:

The cloud infrastructure is mostly operated solely for one organization and runs in a shared construct for different companies. It may be managed by the organization or a third party and may exist on-premise or off-premise, e.g., co-location.

Hybrid:

Internal and external service delivery methods are fully integrated