

App Modernization with Cloud4C: 2-Week Assessment

Cloud Readiness Assessment to Modernize Applications and accelerate Digital Transformation using Cloud native tools.

Embracing digital transformation is the new enterprise way of life. While infrastructure modernization is a welcome start, businesses need to rethink their application management to unlock the real potential of cloud.

Application modernization is a broad term covering many different interpretations, methodologies and implementations. We at Cloud4C, help you with the perfect modernization approach.

We engage in discovery, consultative workshops across the entire migration lifecycle to help fail-proof, risk-averse an organization's operations.

Engagement Roadmap

Day 0: Pre-Engagement Call

- Kick-off to understand the business scope, current challenges, and growth objectives.
- Understand the benefits of application modernization.

Day 1-2: Application Inventory

- Identified set of application(s).
- Review Current State.
- Define Ideal State.

Day 3-5: Working Session Meeting and Report

- Work with technical team to collect data about identified application(s).
- Design, define and document key considerations for Application Modernization effort.
- Better understand, prioritize, and mitigate potential threats.

Day 6-10: Application Modernization Roadmap

- Have defined deployment roadmap and timeline.
- Migration strategy.
- Technology selection.
- Have defined next steps based on your needs and objectives.

What you get?



Innovation led strategy with prime focus on business and users.



Transform your monolithic apps and take advantage of micro services, server less architecture, and containers.



Create application clusters based on dependency map.



Optimize your operations and gain intelligent insights, take advantage of elastic resources to dynamically meet changing demands without any upfront capex.



Get the application modernization & security blueprint including TCO on Azure Cloud platform.



Redefine your business process to stay agile keeping customer centricity in mind.



Application Modernization Approach for Containerization on Azure -

Discovery

- Assess code compatibility discovery and assessment with native Azure Migration Assistant and 3rd party tools.
- Understand the current challenges impacting business growth and GTM as per the market condition.
- Discovery parameters -Inventory of OS, DB, Hourly utilization data, Dependencies, Integrations, Application functions & tech details, Security and authentication etc.

<u>Assessment</u>

- Compatibility check for Applications and DB on different formats like - Azure App Service, Azure Container Instances, Azure Kubernetes Service, Service fabric, App Service environment, Lift and Shift as Azure VM.
- Readiness percentage identification basis the technology compatibility on Azure.
- Better understand, prioritize, and mitigate potential threats.
- Detailed technical workshop with technical team for identification and planning.

Final Report

- Prepare the application modernization & security blueprint including TCO on Azure Cloud platform.
- Have defined deployment roadmap and timeline for Migration.
- Define migration category for each application.
- Create application clusters based on dependency map.
- Containerization on Azure approach finalization.

Key Differentiators:



An expert MSP with advance specialization in **Application Modernization**



650+ Azure certified engineers



3500+ **Global Clients**



Robust Cloud Adoption Framework (CAF) based assessment & migration



20+ Centers of Excellence (CoEs) and 24×7 Support with NOC & SOC



40000+ VMs Managed & Migrated on Cloud



In-country data regulations and norms across various geographies



High-availability (99.9%) infrastructure



Cloud4C

Advanced Specialization Partner

Modernization of Web Applications to Microsoft Azure











