

# Azure Modernization with Kubernetes Services

Two-Week Proof of Concept

Delivered by **Rackspace Professional Services**



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Developers and IT tasked by the business to minimize cost and leverage capabilities inherent in the cloud often look to Kubernetes, the popular open-source system for automating deployment, scaling, and managing applications via containerization.

While powerful and proven, *deploying and managing containers can be daunting without the right skillsets and processes—organizational lack of confidence slows cloud migration, hampering innovation and efforts to reduce operational cost and complexity.*

Early identification of gaps in skillsets and technologies helps to **mitigate risks** (*in orchestrating a cloud migration across multiple departments and interdisciplinary teams*) and to ensure **efficient operations, application resiliency, and highly secure access to intelligent data**. Having clarification as to costs and a framework to begin with helps accelerate implementing **automation, monitoring, and support capabilities** necessary to shift to a supportive cloud-native infrastructure.

Faster implementation of cost-effective, automated security, management and policy adherence provided in Azure Kubernetes Services lets IT and developers to more effectively build innovative solutions to speed time to market and grow the business.

## OPERATE

- Automate to reduce overhead and free IT resources to more effectively collaborate with dev/LOB leads
- Balance security and compliance with rapid innovation
- Accelerate upskilling and knowledge development for both onsite and remote workers
- Reduce CapEx/OpEx spend by centralizing development and supporting operation in the cloud (licenses, HW/SW)
- Enforce security policies and analyze regulatory compliance to reduce risk
- Increase the productivity and management of operations teams

## INNOVATE

- Increase transparency, access and use of data to make intelligent business decisions
- Improve application performance
- Free developers to focus on innovation rather than managing infrastructure
- Accelerate time to market and competitive agility
- Give developers the modernized platforms they want to work on
- Establish collaboration methodologies and best practices that enable smart risk-taking

Rackspace cloud experts and Microsoft Azure Kubernetes help support driving a culture of collaboration. Using modern cloud technology and methodologies, software engineering, development and IT resources can more rapidly build, deliver and scale solutions that provide greater visibility into intelligent data that drives business growth.



**Rackspace Professional Services and Elastic Engineering teams** provide leadership in assisting companies in their journey to the cloud on Microsoft Azure, helping to identify and manage risk, enforce strict security protocols and processes and help IT lower operational costs.

# Your path to modernized applications starts here with Azure Kubernetes Services



## Azure Kubernetes Services Proof of Concept

The Kubernetes Proof of Concept will help clarify costs and provide a framework to begin the implementing of automation, monitoring, and support capabilities necessary for a successful shift to cloud-native infrastructure.

- Review current application portfolio for suitable modernization approach
- Identify a single customer application to modernize using Azure Kubernetes Services



**Duration: Two Weeks**



**Ask if you qualify for free funding\*: \$10,000**

\*Terms and conditions apply



## Proof of Concept Deliverable

Working version of your chosen application, modernized as part of the Proof of Concept using Azure Kubernetes Services

## Modern IT Operations

Modernize and optimize application and infrastructure performance using Rackspace Elastic Engineering, an agile support team with flexible, tiered pricing.

## Rackspace Professional and Elastic Engineering Azure Kubernetes Services Proof of Concept and Beyond



### Assessment

Identify and prioritize apps for cloud modernization

Assessment



### Proof of Concept

Migrate and modernize 1<sup>st</sup> app

1st App in Production



### Fast Start

Next 5-10 apps DEV/Test, Staging, Integration

Production at Scale



### Elastic Engineering

Transition to EE for ongoing modernization

Manage & Innovate

**READY TO GET STARTED?**

**Register** for Rackspace's one day **Discovery Workshop** to analyze your current desktop environment and develop a checklist of steps to take for migrating to and supporting a virtual desktop environment with Azure Virtual Desktop.

## ABOUT RACKSPACE TECHNOLOGY

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Rackspace Technology is the best place to go for help in migrating workloads, applications and data to Microsoft Azure. Whether lowering costs, building operational efficiencies or driving agility, modernization and innovation, Rackspace Technology's thousands of experts are ready to put cutting-edge capabilities to work for your business.

Gold  
Microsoft Partner  
Azure Expert MSP

Gold  
Microsoft Partner  
Cloud Platform  
DevOps  
Application Development  
Application Integration  
Data Platform

Microsoft  
5 Times Hosting  
Partner of the Year

Gartner  
2020 Magic Quadrant Leader  
for Public Cloud Infrastructure Professional  
and Managed Services, Worldwide