

# Azure kubernetes Service (AKS)

# KUBERNETES SERVICE FULLY MANAGED, SAFE, AND WITH HIGH AVAILABILITY

## Distribute solutions faster, manage them easily, and scale resources with confidence

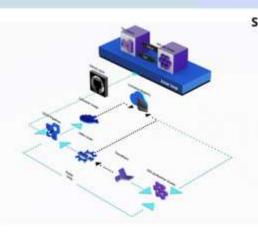
Easily deploy and manage apps in containers with a fully-managed Kubernetes service. Azure Kubernetes Service (AKS) offers serverless Kubernetes, an integrated continuous delivery and integration (CI / CD) experience, and enterprise-grade security and governance. Bring your development and operations teams together on a single platform to build, deliver, and scale applications with confidence.

## Run any workload in the cloud, on the edge, or in a hybrid environment

Easily migrate an app to containers and run it within AKS. Control access by integrating with Azure Active Directory and access Azure services backed by a service level agreement, such as Azure Database for MySQL, using Open Service Broker for Azure to meet your data needs.



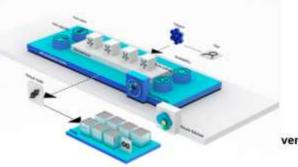




Streamline development of container applications

Build your solutions on a more secure business-grade foundation

Run any workload in the cloud, on the edge, or in a hybrid environment





Add a complete CI / CD pipeline to your AKS clusters with the automation of routine tasks and configure a controlled deployment strategy with just a few clicks. Detect errors promptly and optimize your pipelines with the comprehensive traceability of your deployments. Gain visibility into your environment with control plane telemetry, record aggregation, and container status, information that you can access from the Azure Portal, and is automatically configured for AKS clusters.

#### **Greater operational efficiency**

Rely on automated provisioning, repair, monitoring, and scaling. This box-like experience helps you get up and running quickly and minimizes infrastructure maintenance.

Easily provision fully managed clusters with automatically configured monitoring functionality based on Prometheus.

Use Azure Advisor to optimize your Kubernetes deployments with personalized, real-time recommendations based on the insight we have gained from working with thousands of business customers.

Add processing power elastically with serverless Kubernetes, in just seconds, without worrying about infrastructure management.

Get more availability and protect applications from data center errors by using redundancy in different Availability Zones.

#### Build your solutions on a more secure business-grade foundation

