ondat™

Datasheet

Microsoft Azure Kubernetes with Ondat: Better Together

Build On Data

www.ondat.io

Datasheet

Azure Kubernetes Service (AKS)

Microsoft Azure Kubernetes & Persistent Storage

Microsoft Azure Kubernetes & Persistent Storage

Microsoft Azure offers a compelling choice for any organization looking to run Kubernetes and container workloads in a public or hybrid cloud environment. Azure Kubernetes Service (AKS) is complemented by a broad range of cloud services for businesses and developers, making it a popular option for many companies as they start their Cloud-Native journey.

However, early architectural decisions around how to run stateful container workloads on Azure can have a sustained and significant effect on long-term operational costs and the security, performance, and reliability of Cloud-Native business applications.

Ondat and Microsoft Azure Together

Leveraging Ondat as the data plane service in your Azure Kubernetes Service (AKS) clusters can reduce costs, improve performance and increase reliability. And with Ondat, this can all be built upon more effective utilization of the Microsoft Azure's Disk Storage cloud service that you are using today.

AKS with Ondat Key Benefits

Up to 90% Reduction in Monthly Storage Costs

- Optimize Azure Storage Services
- Kube-Native architecture unlocks new technical possibilities
- Create your DBaaS and other data services

Performance, Reliability, Security

- Improve data services at a reduced cost
- Up to 10× I/O speeds, parallelize connected resources, deterministic performance
- Multi-AZ availability, Kube-native failover, Data at rest encryption

Application Portability

- No lock-in: complete freedom, choice, and control of platforms and hardware
- Real power to negotiate with Cloud providers
- Unified data services across multi-cloud and hybrid IT

Designed for DevOps

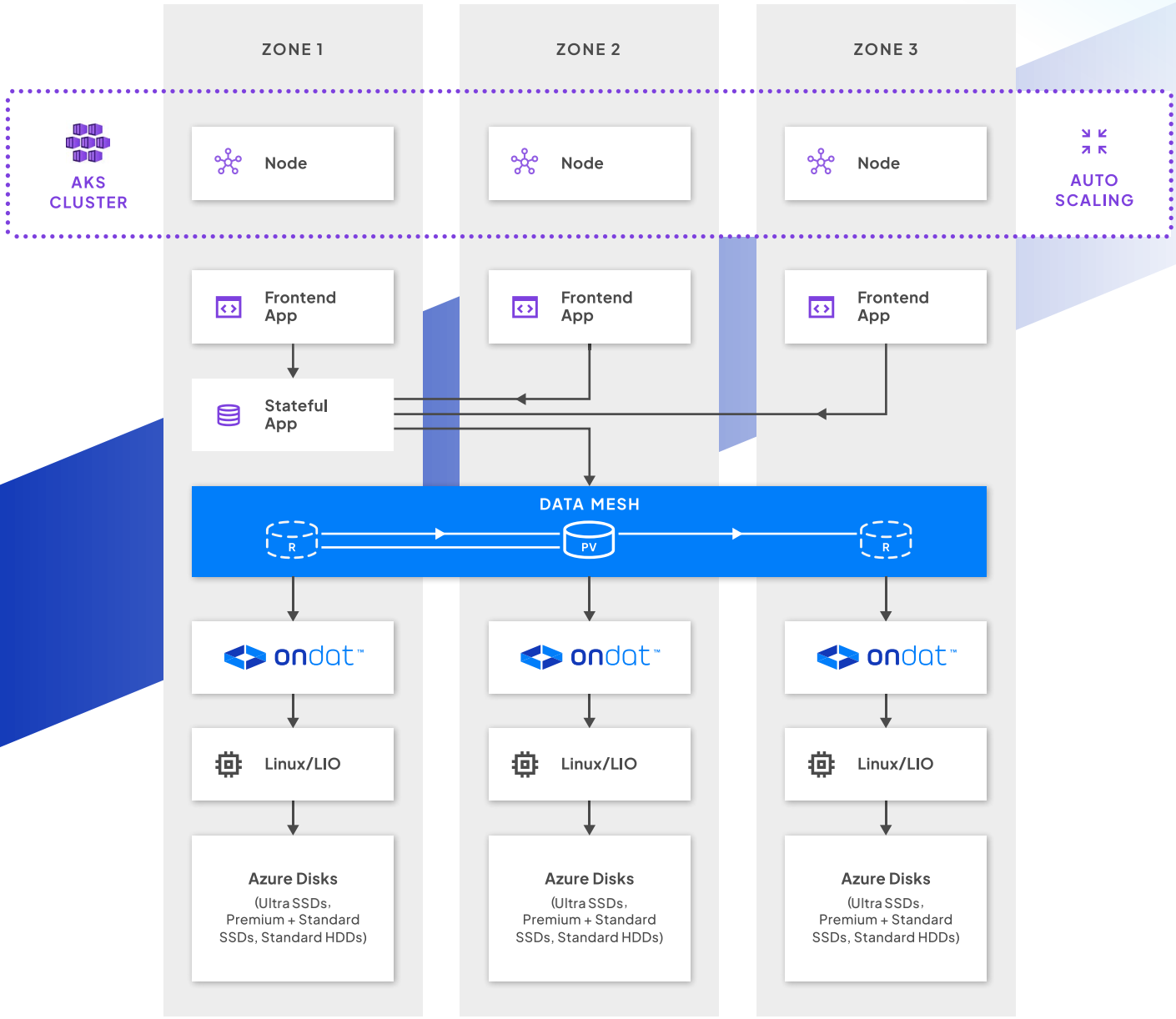
- Shift-left solution: platform automation and developer-self-service
- Unified, single point of management for your global fleet of Kubernetes clusters
- Exploit new architectural possibilities: build once and automate

ondat™

Why Ondat is the best option to run your stateful application on AKS

The Ondat Kube-Native data layer adds critical enterprise features and significant value to AKS services while helping users to reduce cloud storage costs. Ondat unlocks new architectural possibilities within Azure. Leverage existing investment in local Azure Disk Storage, reduce costs and simultaneously boost the resilience, performance, and security of stateful applications running on Kubernetes.

Ondat's Kube-Native data plane removes critical weaknesses around the failover, resilience, and security of stateful applications running on Kubernetes. Our platform-agnostic data solution allows users to scale applications as data volumes grow without effortlessly losing performance or reliability while reducing cloud storage costs



Free Your Data

Run your stateful workloads at scale, on any Kubernetes platform you want

Kubernetes with Ondat evolves how stateful workloads are executed, transparently solving common issues like data loss, data unavailability, or manual provisioning of volumes. Ondat implements a fully Kube-native integrated data service platform, allowing users to productionize stateful workloads. With Ondat, stateful applications such as MongoDB, Kafka, MySQL/MariaDB, PostgreSQL, InfluxDB, or ElasticSearch, are among many other use cases that can be run transparently with high availability, self-healing, data protection, encryption, and topology-aware data placement.

Ondat minimizes the need for human interaction with data services, making operations easier than ever before. Ondat and Kubernetes manage data workflow for you, so operation teams no longer have to be application experts to run them safely. Ondat also minimizes operational costs, dramatically simplifying the deployment and migration of stateful workloads across different Cloud-Native platforms.

Users gain a unified platform and procedures for running workloads in Azure or any other CNCF-approved Kubernetes distribution – including Google Cloud with GKE, Amazon EKS, VMware in bare metal, or OpenShift and Rancher. Ondat abstracts the differences and complexities of specific platforms to deliver one consistent user experience.

Register for our SaaS Platform

Learn how Ondat can help you scale persistent workloads on Kubernetes

For information, please email us at info@ondat.io

Register

accenture SunnyVision CAFOM Centrale d'Achat Française pour l'Outre-Mer Banco Azteca INTERCONNECT

www.ondat.io

ondat™