

1KOSMOS



**Cloud-agnostic continuous
availability by 1Kosmos**

No single point of failure. The 1Kosmos platform is built for cloud-agnostic, continuous availability, even when a major cloud provider fails.

When one provider fails, 1Kosmos automatically serves traffic from others, maintaining continuous identity services without manual failover, data loss, or downtime.

Traditional single-cloud architecture

What most vendors still run today

Most SaaS platforms are architected around a single cloud provider with add-on disaster recovery, not true continuous availability:

- **Single primary cloud** - Workloads run in one provider, sometimes with a secondary region or provider for DR only.
- **Intra-cloud regional redundancy** - High availability is limited to multiple zones/regions within that provider.
- **Provider-native DNS and load balancing** - Traffic steering is tied to one cloud's networking stack.
- **Database replication inside one cloud** - Data is replicated across regions but not across different cloud providers.
- **DR-centric design** - Architected around RTO/RPO for failover events, rather than always-on service during provider outages.

The 1Kosmos difference

Continuous, cloud-agnostic availability

1Kosmos is built for continuous availability across clouds and regions, meaning it stays running even during major provider outages:

- **Truly multi-cloud and multi-region:** Active/active across AWS, Azure, GCP, Oracle Cloud, and Kubernetes.
- **Cloudflare global DNS and load balancing:** Independent traffic steering with any-to-any cloud failover.
- **MongoDB Atlas multi-cloud data layer:** Deployable across 110+ regions and multiple cloud providers.
- **End-to-end health monitoring:** Continuous checks and automated remediation to stay online.

