

Reducing Cloud Operational Overhead

Highlights

Efficient On-Boarding

Aerospike Cloud Managed Service understands your use cases and works with your team to develop a coordinated shared project plan that includes security checklists, on-demand training, site reliability engineering and optional data modeling workshops.

Always-On Architecture and Design

Aerospike Cloud Managed Service helps ensure data durability is maintained throughout your multi-zone cluster architecture. Our team helps with workload profiling, capacity planning, encryption protection and automatic backup and restore plans..

Zero Downtime Operations

Aerospike Cloud Operations Center provides always-on, 24x7x365 coverage for consistent operations. Health and performance reports, complemented by security and auditable governance controls and managed change requests and quarterly reviews ensure zero-downtime operations.

Enterprise Ready Deployment

Aerospike Cloud Managed Service delivers true enterprise grade deployments with end-to-end data encryption, data compression, strong consistency and both synchronous and asynchronous data replication.

Overview

Success in today's world of digital business is a major imperative for every enterprise. The demands of the always-on, real-time pace of business is forcing companies to deliver new digital applications quickly in order to maintain competitive advantage. Pressure to deliver rapidly is forcing IT operations and resources to the breaking point.

Aerospike Cloud Managed Service enables enterprises to focus on delivering new digital value to customers rather than managing databases and infrastructure. With our Cloud Managed Service, Aerospike takes the responsibility for delivering and maintaining an optimized deployment of the industry's most resilient, low latency, high-scale NoSQL data platform.

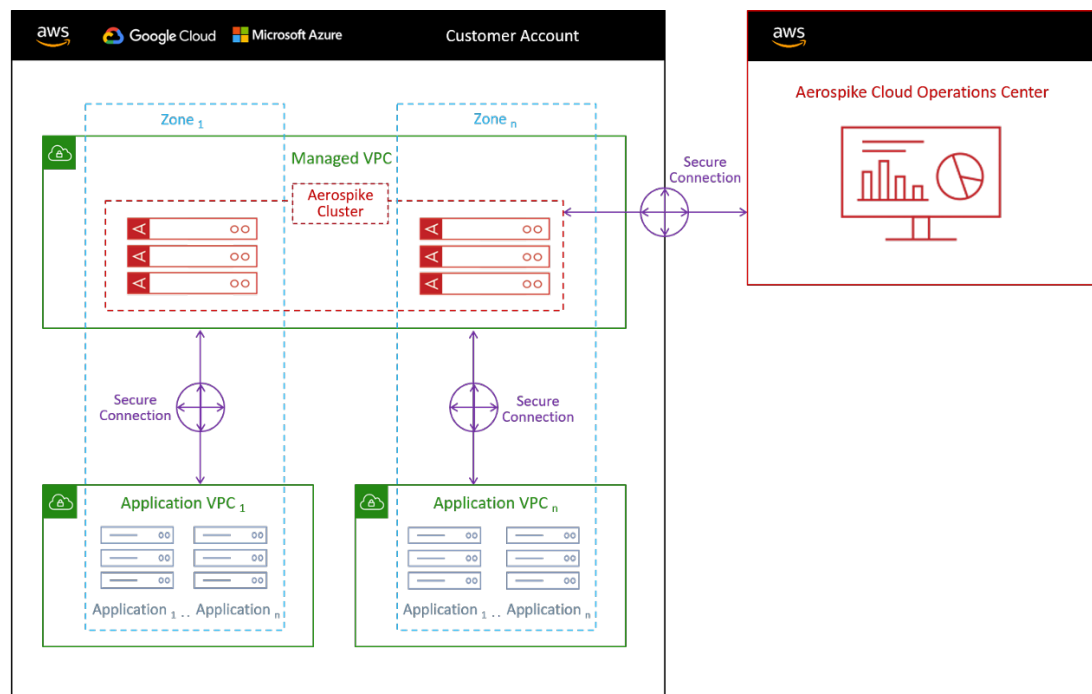


Figure 1: Aerospike Cloud Management Service System Architecture

Benefits

Faster Time to Value

Aerospike Cloud Managed Service is built on years of experience architecting and managing Aerospike Databases both on-premise and in the cloud. Our standards-based approach allows you to leverage these proven architectures to accelerate your product launch.

Increased Organizational Agility

Aerospike Cloud Managed Service allows you to focus on aligning your organizational resources with your goals, instead of using valuable resources and time to design and maintain your Aerospike deployment.

Secure

The Aerospike Database comes with a rich set of enterprise security features such as data Encryption (in motion and at rest), Authentication, Authorization and Auditing. The Aerospike Cloud Managed Service leverages these features to provide security and operational controls to comply with your audit needs.

Resilient

The Aerospike database can achieve an uptime of five 9s. Aerospike Cloud Managed Service combines this reliability with high-availability design principles and operating controls so you can be assured that there will be no interruptions to your business.

Greater Flexibility in Scaling Your Digital Business

Aerospike Hybrid Memory Architecture™ with All Flash and Hybrid Flash options, coupled with Dynamic Cluster Management, allows the Aerospike database to scale to petabytes. Aerospike Cloud Managed Service will scale with your business and data growth.

Predictable Control of Resource and Personnel Costs

Aerospike Cloud Managed Service provides workload profiling to identify the correct capacity plan and optimized configuration templates, which can help customers budget appropriately and avoid unforeseen costs.

Features & Capabilities

Efficient Onboarding

- Assigned intake team that understands your use-cases
- Shared project plan to coordinate joint activities
- Standardized security checklist to simplify your cloud resources
- Developer orientation with additional on-demand training through Aerospike Academy
- Site Reliability Engineer orientation
- Data Modeling workshops available through Client Services

Always-On Architecture and Design

- Data durability is ensured through multi-zone cluster architecture
- Workload profiling used to identify the correct capacity plan and optimized configuration templates
- Encryption in transit and at rest protects your data at all times
- Automated backup and restore plans provide for the continuity of your business

Zero-Downtime Operations

- Aerospike Cloud Operations Center provides global always-on coverage 24x7x365
- Automated cloud pipeline provides repeatable and consistent operations
- Health and performance reports are available through dashboards
- Security and operational controls provide auditable governance
- Frequent runbook execution model for control validation
- Change Requests made through Service Desk
- Scheduled quarterly reviews
- Follow on engagements available with Client Services for performance or application architecture tuning

Enterprise Ready Deployment

- Encryption at Rest and in Motion
- Data Compression
- Strong Consistency
- Synchronous and Asynchronous Data Replication

About Aerospike

Aerospike is the global leader in next-generation, real-time NoSQL data solutions for any scale. Aerospike enterprises overcome seemingly impossible data bottlenecks to compete and win with a fraction of the infrastructure complexity and cost of legacy NoSQL databases. Aerospike's patented Hybrid Memory Architecture™ delivers an unbreakable competitive advantage by unlocking the full potential of modern hardware, delivering previously unimaginable value from vast amounts of data at the edge, to the core and in the cloud. Aerospike empowers customers to instantly fight fraud; dramatically increase shopping cart size; deploy global digital payment networks; and deliver instant, one-to-one personalization for millions of customers. Aerospike customers include Airtel, Banca d'Italia, Nielsen, PayPal, Snap, Verizon Media and Wayfair. The company is headquartered in Mountain View, Calif., with additional locations in London; Bengaluru, India; and Tel Aviv, Israel.

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