DATASTRIKE

CASE STUDY

MICROSOFT AZURE DATABASE ADMINISTRATION MANAGED SERVICES

BACKGROUND

Companies manage databases that are business-critical for a variety of applications such as Azure Cosmos DB, Azure SQL Database, and SQL Server. Efficiently maintaining their Azure-based database infrastructure is crucial to organizations that need availability, performance, and security.

BENEFITS

You'll achieve these 5 benefits by leveraging DataStrike for Microsoft Azure:

- Enhanced Performance: Through proactive monitoring and optimization, databases experience improved performance while reducing downtime and enhancing user satisfaction.
- Cost Savings: Cloud resource optimization leads to reduced infrastructure costs, eliminating operational expenses and on-premise maintenance.
- High Availability: Continuous monitoring and planning for disaster recovery ensures databases remain accessible, even during unexpected failures.
- Enhanced Security: Strong security measures protect sensitive data, significantly reducing the risk of breaches and violations of compliance.
- Business Focus: By outsourcing database management to experts, companies can focus on their core strengths leading to higher innovation and productivity.

GOALS & OBJECTIVES

Businesses aim to optimize their Azure-based database management, reduce operational costs, improve performance, and ensure reliability. Their key objectives are:

Enhanced Database Performance

Migrate the existing Oracle workloads to Microsoft Azure cloud infrastructure with minimal disruption to business operations.

Cost Efficiency

Decrease operational costs linked to database management, encompassing staffing, infrastructure, and software licenses.

High Availability

24/7 database support is available to minimize downtime and ensure uninterrupted business operations.

Security and Compliance

Implement security measures including access controls, encryption, and auditing to ensure data protection and regulation compliance.

Proactive Monitoring /Maintenance

Minimize migration-related downtime to avoid disrupting critical business processes.

SOLUTION

DataStrike specializes in Remote Database Administration for Microsoft Azure, offering:

- 24/7 Database Monitoring: Continuous health and performance checks of Azure-based databases, addressing issues like slow queries, resource bottlenecks, and potential vulnerabilities.
- Performance Optimization: Enhanced database configurations, indexes, and queries to boost overall performance, identifying and resolving bottlenecks and tuning queries for efficiency.
- Security and Compliance: Implement security measures including access controls, encryption, and auditing to ensure data protection and regulation compliance.
- Backup and Disaster Recovery: Regularly scheduled backups and disaster recovery planning for quick data restoration in case of failure.
- Scaling and Resource Management: Efficient management of database resources, ensuring companies pay only for what they need and easily scale based on demand fluctuations.
- Patch Management and Upgrades: Regular updates to mitigate security risks and take advantage of new features and improvements in databases.

CONCLUSION

Utilizing DataStrike for Microsoft Azure empowers companies to achieve their database management aims for enhanced performance, optimized costs, improved security, and heightened availability. Partnering with a specialized service provider like DataStrike ensures a robust and dependable Azure-based database infrastructure aligned with their business objectives.

About DataStrike

As a specialized database and infrastructure Managed Services Provider (MSP), DataStrike works with companies across various industries to systematically optimize their data infrastructure investment leverage. Thanks to our expert experience gained from cultivating relationships via client engagements, we can provide your business with best practices that will ensure maximum database performance and a stable foundation. DataStrike provides assurance to all clients we service that their database systems are covered from here on out. DataStrike works to provide services for platforms such as SQL Server and Oracle; cloud environments for AWS, Azure, and OCI; and open-source databases like MariaDB, MySQL, and PostgreSQL.

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