On-premises MariaDB to Azure database migration

According to Gartner, 75% of databases will be in the cloud by 2022.

Gartner goes on to add that the main driver for migrating data to the cloud is to capture superior analytics and to take advantage of the pay as you go model.

This brochure
Is designed to help your organization understand the benefits of migrating on-premises MariaDB to Azure Database for MariaDB.

Microsoft Azure

Modernize your data

Make better decisions, quicker

Why run MariaDB in the cloud?

Cloud providers like Microsoft Azure offer affordable, flexible cloud resources with virtually unlimited scalability. This, combined with a portfolio of Microsoft and partner-created cloud analytics solutions makes Azure an ideal destination for database migrations of all types.

Benefits of Azure Database for MariaDB

- Eliminate down time with Microsoft's 99.99% uptime SLA
- Autoscaling provides the flexibility to scale resources up and down as needed
- Intelligent performance recommendations provide ongoing suggestions for database optimizations
- Tight integration with other Azure services such as Azure App Service and Azure Kubernetes Service
- Database management capabilities at no additional cost
- Azure's own data migration tool ensures switching at no additional cost and minimal downtime
- The security of the cloud, plus enhanced security capabilities via Azure advanced threat protection functionality

Contact us:

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Microsoft
Solutions Partner

Data Modernization
With Fractal Analytics

ON-PREMISES MARIADB TO AZURE DATABASE TO MARIADB

Frequently Asked Questions

Why Azure? Why not Amazon Web Services

Microsoft Azure and Amazon Web Services (AWS) both provide cost effective, scalable, and high-performance cloud infrastructure perfect for MariaDB databases. That said, organizations already leveraging Microsoft Azure, or that are looking to move to Azure, stand to gain the most by leveraging Azure Database for MariaDB. Being a platinum sponsor of MariaDB, Microsoft remains up-to-date on all new documentation and policies while ensuring that MariaDB remains open-source in the future.

By keeping data within the same platform as the apps and users who leverage it, organizations typically experience a far less complex migration and integration process, leading to improved security, performance, and flexibility for future innovations and integrations.

Why Fractal Analytics?

Fractal Analytics is a cloud, data, and AI Microsoft Gold consulting partner supporting data-driven transformation initiatives from data strategy to solution design, architecture, development, operationalization, and support. Our expertise spans across migration and modernization, data science, AI/ML, IoT, edge computing, BI, application development, and RPA.

With a focus on right-sized and pragmatic approaches towards digital transformation, Fractal leverages Agile methodologies and flexible engagement models to deliver measurable customer value.

How can we get started?

The first step to any successful cloud migration project is to create a plan. To get started, Fractal Analytics recommends potential customers engage us for a 1-day quick start planning workshop. Contact us to learn more.

Example data modernization roadmap planning strategy

Assess	Implement	Migrate	Insights	Innovate

Data & Analytics Business Roadmap	Business Scenarios & Platform Deployment	Elevate Services	Business Intelligence & Visualizations	Data Science and AI
• **Analyze** Capabilities & data landscape • **Rationalize & prioritize** data sources and tools based on requirements • **Advise** on migration best practices	• **Develop** Migration roadmap • **Deploy** Cloud data infrastructure • **Implement** Database & connectors	• **Rehost** Data in the cloud • **Rearchitect** Services for leaner operation • **Deprecate** on-premises database • **Validate** performance gains and test features	• **Leverage** data models • **Enhance** existing reporting capabilities • **Manage** enterprise grade analytics	• **Accelerate** time to value with analytics solutions • **Automate** data flows with cognitive services and AI • **Differentiate** from the competition

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