

Database Migration Plan

By: Valinor by Commit

Short description:

Migrate your database to Microsoft Azure quickly, efficiently, and securely. Our Database Migration planning service is a 5-day process which ensures your on-premises databases will migrate successfully.

Overview

If your organization is planning to migrate to the cloud, one of the crucial and most sensitive steps is migrating your data. This requires not only moving databases in a lift-and-shift, but thinking about all the crucial aspects involved, from the business logic, through your data assets through to performance and security. Since data handling is highly complex, the risks involved could include many aspects. For instance, underestimating the resources needed could mean the process takes longer than expected, leading to downtime and increased costs. Insufficient analysis of the conversion scope and data cleansing needed prior to the migration, and insufficient attention to the rollback needs could even cause your whole data infrastructure to be insufficient for continuous business performance across all your platforms.

To ensure a successful data migration, we offer a robust and well-rounded plan, based on best practices and extensive experience.

Our leading certified data and cloud engineers will plan, assess and prepare the conversion of your on-premises databases to the cloud, using the Microsoft native migration services, such as Azure Database Migration Service. Having implemented lift-and-shift database migrations with zero/near-zero downtime for different types and sizes of customers, they know how to plan the migration correctly to ensure business continuity. From Online Transaction Processing to Data Warehouses, whether transferring from SQL Server or Oracle, MySQL or PostgreSQL, our top professionals will ensure your workloads will migrate successfully and without any impact on the performance or business activity

Assessment:

- Mapping of dependencies of all business applications, whether homogeneous, heterogeneous and/or consolidated

- Mapping all data sources, including schema inter-dependencies
- Analysis of security needs, including access, data protection and data privacy aspects
- Review of all performance and other requirements
- Definition of RTO (Recovery Time Objective) & RPO (Recovery Point Objective)
- Financial impact of migrating to the cloud: operational cost, scalability and TCO

Planning:

- Migration pattern based on best practices and extensive experience
- Azure architectural design of the data target within the environment
- Risk management plan

Deliverables:

- Database and Conceptual Architecture
- Migration strategy description, including milestones for success
- Cloud resources initial cost estimation
- Initial data gap analysis and transformation guidelines
- SoW and cost estimation for Data Migration, including licensing
- Initial cost estimation for ongoing operations
- Estimated project timeline

Valinor by Commit will provide a team of Data Engineers to design and implement your migration and keep your data flowing, reliable, available and secure in the cloud.

Length of assessment may adjust per customer environment.

Highlights

- Day 1-2: Assessment: Business case analysis and review of current business and data environments.
- Day 3-4: High-Level Planning: Review of schema issues, data complexities, technical requirements, and Azure architecture
- Day 5: Delivery: Migration strategy, cost modeling (TCO), DMS recommendations, and estimated project timeline

Pricing Information

Contact seller for rate.

Support

If you have questions about this service or about Commit please reach out and we will get you the information you need.

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Additional Resources

About Commit (<https://www.comm-it.com/>)

About Valinor (<https://www.valinor.co.il/>)

Tags:

AZURE DMS, Database Migration