Cloudamize

Modernize Your Data Estate With Better Ease and Accuracy

More quickly make informed decisions to migrate SQL Server databases to Azure IaaS or PaaS and understand what compatibility issues exist before migration

Your Challenges

How do we efficiently and accurately understand what our data estate looks like?	Do we migrate to Azure using PaaS or IaaS?	How do we accelerate and optimize database migration?

The Cloudamize Solution

The Cloudamize SQL Migration & Modernization Planner eases and optimizes migrating on-premises SQL Server databases to Azure. It includes the following capabilities:

» **Discovery:** Inventory existing on-premises SQL Server databases and gather SQL environment information, including: SQL server version, number of cores, types of OS/processors, features of SQL deployed, SQL edition, licensing details, and patch level.

» **SQL Performance Analysis:** Analyze the performance profile of current on-premises SQL Server databases.

» **SQL TCO Analysis:** Calculate the TCO of migrating each SQL database to its right-sized Azure IaaS and PaaS settings.

» **Compatibility Reporting:** View reports on unsupported SQL running on unsupported OS, and which databases should be migrated to Azure SQL.

» **DMA Integration:** Instantly access database migration suitability report via DMA integration.

» **SQL Right-Sizing Planner:** Receive recommended right-sized IaaS and PaaS compute and storage options for each on-premises SQL server database using benchmarks.

Benefits

Understand where SQL updates are required in order to speed and simplify migration.

Identify whether IaaS or PaaS SQL options are best for cost-performance optimization and ease of migration of on-premises SQL Server databases.

Accelerate decision-making based on data-driven insights to speed Azure adoption, migration, and consumption.

Capability	Description
Discovery & Forecasting	**In-depth workload analysis of data environment and TCO Insights**
Data gathering method	Agent, Agentless, Vmware & Hyper-V hypervisor collection
Data types collected	SQL server version and edition, all non-SQL server databases, usage, instances, databases, schemas, filesystems, existing jobs, application connections, performance for IaaS and SQL Server, application connections, VMware and Hyper-V hosts system-level
Azure SQL	Sizing and migration recommendations from SQL
No-SQL	Easily identify instance of MongoDB, Cassandra, and Gremlin from a pre-built filter to recognize candidates for migration to CosmosDB
DMA	Ability to push the DMA software from our platform and perform an assessment on all MS SQL instances. View full report in the Cloudamize platform.
TCO Insights	Ability to map resources and produce cost analysis across Azure and/or multiple cloud vendors
Lift & Shift	Identify complete details of server, database, and application usage with required Azure configs to run workloads accompanied by associated Azure pricing
Modernization Roadmap	**Step-by-step roadmap for rapid Azure Data Services adoption**
Planning	Migration planning for PaaS DB
Sizing	Automated right-sizing based on the customer workload utilization and cost analysis
Licensing Optimization	Software License assessment and optimization, including SQL server licenses
Migration recommendations	Recommendation of which SQL Servers & databases to virtualize or optimize; reports on ASR compatibility, unsupported SQL versions, unsupported OS versions, and recommendations for migrating to Azure SQL and Cosmos DB.
Data and App migration implementation	Migrate data using ASR from the Cloudamize platform.

Contact info@cloudamize.com to learn more about how we can help you or your client modernize your data estate with better ease and accuracy.