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BI/Analytics • Applications • Databases

MongoDB to Azure Cosmos DB Migration Offering

Datavail's MongoDB to Cosmos DB in Azure uses a proven solution to deliver a proactive approach to migration resulting in reliable and high-performing Cosmos databases with minimal downtime and impact. Regardless of the source version, we can help provide the most efficient and lowest impact migration for your environment.

Why choose Datavail?

- Microsoft Gold Partner
- Extensive experience with migrations for NoSQL databases
- Certified MongoDB DBAs and Architects

Gold Microsoft Partner
Microsoft

MongoDB Premier Partner

Examples of our vast experience with cloud migrations for MongoDB

- Migrating an active large sharded replica set to the cloud for a TOP financial information and analytics company. Near zero downtime was achieved in a smooth process.
- Migrating a VERY LARGE (80+TB) sharded cluster to the cloud for an IoT company. This migration required a phased approach, as well as custom code and scripts.
- Migrating a large sharded cluster to the cloud for a healthcare management company.
- POC performed for a telecommunications company for migrating MongoDB to Cosmos DB.

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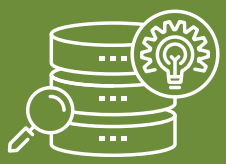

Pre-Migration Discovery

Discovery Phase: 1-2 Weeks

- Assess the existing environment – pain points and usage
- Determine the shard key for your future Cosmos DB environment
- If currently sharding in MongoDB environment, this will be adjusted to address expected good keys
- Prep for Migration Plan – scope
- Determine needs for migration scripts – dump and load, or migration toolkit

Pre-Migration Assessment & Planning

Planning Phase: 3-5 Weeks

- Test Cases (POC) and code compatibility testing with your team
- Goals and Objectives
- Cost Analysis
- Resource Planning
- Build a Migration Solution
- Schedules and Milestones
- Risk Mitigation/Contingency Plan
- Communication Protocols

Migration

Migration Phase: 5-8 Weeks

- Configure target database environment
- Automation is key for repeatability and checking success and problem areas
- Migration includes validation using custom scripts
- Assist customer during application testing

Post Migration

Cutover &
Post Migration Phase:

- Incremental Migration if needed
- Offline Cutover with minimal downtime
- Post-checks will determine success/failover as well as any additional post-migration work
- Data Quality and Management
- Run Performance Tests
- Lessons learned documentation
- Operational Support

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Connect with us to learn more!

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