Enterprises are increasingly cognizant of the advantages of cloud computing. C-suite executives and IT leaders of businesses of all sizes, across all industries and regions, are faced with the demand for better outcomes, increased agility and cost savings. A key driver for digital transformation, the cloud meets those demands and more, and the benefits are undeniable.

Migrating Applications from MongoDB to Azure Cosmos DB

Azure Cosmos DB is Microsoft’s globally distributed, multi-model database service for mission-critical applications. Built with horizontal scale at its core and backed by industry-leading, comprehensive service level agreements (SLAs), Azure Cosmos DB enables scalability, data replication, and elastic throughput and storage for guaranteed high availability and low latency anywhere in the world. This has led to an enormous interest in migrating MongoDB data sets to Azure Cosmos DB.

Overcome Migration Challenges with Imanis Data

Migrating MongoDB to Azure Cosmos DB, however, takes downtime, resources and money. The process introduces many challenges, including technology, infrastructure, security, costs, bandwidth, skill and resources. Migrating critical applications to the cloud is complex, and without the right expertise, things can go very wrong very quickly.

Imanis Data enables global enterprises to quickly and easily migrate their on-premises or cloud MongoDB databases to Azure Cosmos DB. Tightly integrated with MongoDB and Azure Cosmos DB, Imanis Data provides an agentless, incremental-forever cloud migration approach for MongoDB data stores that simplifies migration and significantly reduces downtime.

Imanis Data Meets All Your MongoDB to Azure Cosmos DB Migration Needs

- **On-premises to Azure**: Move on-premises MongoDB databases to Azure Cosmos DB.
- **Other clouds to Azure**: Imanis Data can migrate, synchronize and replicate data from MongoDB databases running in other public/private clouds to Azure Cosmos DB.
- **Region-to-region migration**: Imanis Data can migrate data from a MongoDB database running in one Azure region to a Azure Cosmos DB database in a different region.
- **Test data workloads in Azure**: Imanis Data supports rapid application iteration by copying production MongoDB data sets to a Azure Cosmos DB database for non-production uses.
Unlike any other solution, Imanis Data is focused on delivering machine learning enabled data management for Hadoop and NoSQL data platforms. While the average age of a traditional backup software architecture is 20 years, Imanis Data is built upon a new and radically more efficient architecture designed specifically for data management of modern Hadoop and NoSQL applications. The solution is massively scalable, data aware, and provides a single pane of glass for data management across the entire data lifecycle including backup/recovery, disaster, archiving, test/dev refresh, and migration. Imanis Data is a single solution for all leading data platforms, and provides unparalleled restore performance and backup storage efficiency.

**IMANIS DATA FEATURES AND BENEFITS**

**Seamlessly and quickly migrate** MongoDB to Azure Cosmos DB

**Enable granular migration** by copying complete or selective data from MongoDB to Azure Cosmos DB

**Reduce network costs** by migrating only the necessary data to Azure Cosmos DB

**Minimize application downtime** by incrementally transferring data, switch over to Azure Cosmos DB after the final transfer

**Ensure consistency** between data and associated metadata

**Allows verification of data accuracy** prior to final switchover

**Reduce management complexity and overhead**, no agents installed on the MongoDB cluster

Please contact us for more information at info@imanisdata.com or visit us at www.imanisdata.com.