

# Start Your Database Migration Journey with AWS and Treehouse Software's tcVISION



## AWS database solutions make it easy to migrate and deploy in the Cloud

Government agencies, financial companies, educational institutions, and other organizations are relying on Amazon Web Services (AWS) to quickly and securely accelerate the migration of databases. By working with Treehouse Software and using AWS solutions, tools, programs, and databases, you can save time and automate processes. AWS provides performance at scale, reliable databases, cost-effective solutions, and fully managed services that give you flexibility when it comes to administration.

### Benefits



#### Performance at scale

AWS purpose-built database solutions are designed for fast, interactive query performance at any scale. Experience three to five times the performance, with capabilities to support over 20 million requests per second.



#### Fully managed

Our fully managed services allow you to break free from the complexities of database and data warehouse administration. Serverless capabilities automatically scale throughput up or down based on demand.



#### Cost effective

AWS database solutions provide the security, availability, and reliability of databases at one-tenth of the cost. You only pay for the compute resources used during the migration process and any additional log storage.



#### Reliable

AWS databases are built for business-critical workloads. Build scalable, reliable, and secure enterprise applications while your data is safeguarded behind the AWS infrastructure in highly secure data centers.

## Connect Your Mainframe Data to AWS with tcVISION

Treehouse Software is the worldwide distributor of tcVISION, an innovative technology that provides mainframe data replication between Db2, Adabas, VSAM, IMS/DB, CA IDMS, CA DATACOM, or sequential files, and many AWS targets, including Amazon RDS Aurora, Amazon RDS PostgreSQL, Amazon RDS MySQL/MariaDB, Amazon RDS Oracle, Amazon RDS SQL Server, Amazon S3, Amazon Kinesis, Amazon Redshift, etc.

## With tcVISION, legacy mainframe environments can continue while replicating data – in real time – on AWS

The tcVISION solution focuses on changed data capture (CDC) when transferring information between mainframe data sources and AWS databases and applications. Through an innovative technology, changes occurring in any mainframe application data are tracked and captured, and then published to AWS.

tcVISION allows bi-directional, real-time data synchronization of changes on either platform to be reflected on the other platform (e.g., a change to an Amazon RDS PostgreSQL table is reflected back on mainframe). Customers can then modernize their application on AWS without disrupting the existing critical work on the legacy system.

## Explore the portfolio of AWS database solutions and their benefits

AWS database solutions ease the migration process and its complexities for mainframe customers. AWS Database Migration Service (AWS DMS) supports both homogeneous, and heterogeneous migrations between different database platforms, while the AWS Schema Conversion Tool (AWS SCT) helps to predict heterogeneous database migrations. Other solutions like the Amazon Database Migration Accelerator (Amazon DMA) bring together experts, mechanisms, and tools to provide a one-stop shop to convert applications, while the Database Freedom program helps to cut down the heavy lifting that is involved in database administration. These four resources make up the AWS portfolio of fully managed, high performance, and cost-effective solutions for database migration.

### Resources



#### [Treehouse Software Blog](#)

Blog postings on mainframe data replication for Cloud, Hybrid Cloud, and Multi-Cloud projects. Includes articles on tcVISION features, customer case studies, "how-to", and much more.



#### [tcVISION Website](#)

Online resource with tcVISION instructional videos, fact sheet, architectural overview, and demo request.