



Database Freedom on AWS

Reduce your operational overhead and increase your performance

Traditionally, organisations have relied on commercial databases like Microsoft SQL Server and Oracle for critical applications. However, AWS offers cloud-native alternatives that can reduce operational overhead by eliminating licensing costs and improving performance.

If you're looking to optimise cost, performance, and reliability, Devoteam—a Premier AWS Consulting Partner—can help you transition from traditional databases smoothly and effectively, using Amazon Aurora.

Amazon Aurora allows you to combine the performance of enterprise databases with the cost-effectiveness of open-source solutions. It's up to 5x faster than MySQL and 3x faster than PostgreSQL, while offering high availability and security at a fraction of the cost.

Benefits

Optimised Cost: Amazon Aurora is an on-demand service and removes the upfront commercial investment associated with database licensing. Enabling an infrastructure on-demand model, that automatically scales to support database activity

Cloud- Native: Amazon Aurora is designed by Amazon Web Services, specifically for the AWS ecosystem, and can deliver up to a fivefold increase in performance over MySQL and a threefold increase over PostgreSQL.

Increased Resilience: Amazon Aurora delivers >99.99% availability, replicating 6 copies of your data across 3 Availability Zones. It transparently recovers from physical storage failures; instance failover typically takes less than 30 seconds. You can also backtrack within seconds to a previous point in time, to recover from user errors.

Reduced Overhead: Amazon Aurora is fully managed and removes traditional database management tasks such as hardware provisioning, software patching, setup, configuration, and backups. Amazon Aurora automatically and continuously monitors and backs-up your database to AWS S3, enabling granular point-in-time recovery.

Review

An assessment of the current database ecosystem from technical and commercial perspective and recommendations for migrating your databases.

Plan

Priced options for your database estate running on AWS along with a recommended migration path to enable the modernisation journey

Build

An architectural representation of your current database environment operating on AWS in accordance with the AWS Well-Architected Framework covering security, performance, reliability, operations and cost efficiency