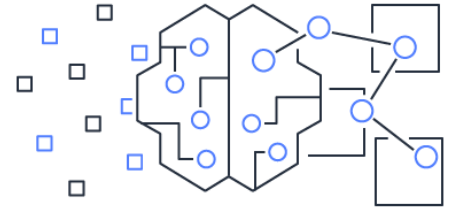


# Database Freedom on AWS



Traditionally, organisations have tended towards commercial database platforms such as Microsoft SQL Server and Oracle DBMS to underpin their mission-critical applications. Amazon Web Services (AWS) now have a diverse range of Cloud-native database technologies which can significantly reduce your operational overhead, through a combination of negated licencing costs and enhanced performance.

Are you concerned about your ongoing database licencing costs? Are you finding it challenging to balance high-availability and performance with cost-effective service delivery of your application? Is the operational overhead of your incumbent estate sapping your technical team of time? If so, you are not alone as these are common concerns of many of our Customers who approach us.

Ubertas Consulting are an Advanced AWS Consulting Partner, with a single focus on Amazon Web Services; we have the breadth of knowledge and expertise to help you realise Database Freedom from commercial database platforms, without compromising on the reliability and performance you have come to expect of your workloads, using Amazon Aurora.

Amazon Aurora allows organisations to combine the performance and availability of traditional enterprise databases with the simplicity and cost-effectiveness of open source databases; it's up to five times faster than standard MySQL databases and three times faster than standard PostgreSQL databases. It provides the security, availability, and reliability of commercial databases at 1/10th the cost.

## Benefits

### Reduced Cost

Amazon Aurora is an on-demand service and removes the upfront commercial investment associated with database licensing. Amazon Aurora Serverless enables organisations to reduce cost further by enabling an infrastructure on-demand model, automatically scaling 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.

## What's on offer to you?

With our deep technical expertise, Ubertas Consulting can help you realise database freedom, and modernise your workloads for a Cloud-native future.



### Review

An assessment of the current database ecosystem from technical and commercial perspective. Recommendations for migrating your databases to Amazon Aurora.



### 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

To learn more about how Ubertas Consulting can help you to realise Database Freedom on Amazon Web Services, please contact us directly at <https://ubertasconsulting.com/contact-us>