TiDB

More room to grow on AWS

For Aurora MySQL teams planning their next stage

Growth brings more traffic, larger tables, and more services. Database work shouldn't slow your business. **TiDB gives Aurora MySQL teams room to scale and simplify on AWS.**

Unlock your next stage of growth with TiDB

01 Scaling now means splitting the database

Aurora MySQL's single writer limits write capacity; read replicas cannot increase it, leaving teams to split databases. TiDB distributes reads, writes, and storage across nodes without application-managed sharding.

databricks

10×
query throughput

60%
lower TCO

Moves beyond single-node MySQL to scale critical production workloads with TiDB.

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02 Changing a large table becomes a maintenance project

Large-table rewrites and index builds compete with production traffic. TiDB runs schema changes online, distributes index builds, and prioritizes production requests with resource controls.

PLAID

5+ TB
Production table size

Zero
Maintenance downtime

Moves from Aurora MySQL to TiDB and keeps production online through schema changes, OS patching, and database upgrades.

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aws PARTNER

AWS partner recognitions

AI Software Competency
Data Software Competency
AWS PrivateLink Ready Product

TiDB

Unlock your next stage of growth with TiDB

03 More services keep multiplying database overhead

Separate clusters for services and tenants mean more capacity to size, monitor, and upgrade. TiDB brings databases onto shared capacity, with resource groups to set workload budgets and priorities.

ATLASSIAN

16 TiDB clusters

From 750+ PostgreSQL clusters

Zero downtime

During major version upgrades

Consolidates the Forge SQL database fleet and simplifies tenant placement and shard management.

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04 Reporting is a day behind the business

Transactions arrive continuously, but reports wait for the next warehouse refresh. TiDB maintains columnar replicas of operational data for analytics, reducing the need for a separate warehouse and synchronization pipeline.

ele·style

Real-time reporting

From daily reports

One data platform

For operations and analytics

Consolidates operational and analytical databases in TiDB Cloud. Runs real-time reporting without slowing payment processing.

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Build on your SQL and AWS investments

Keep familiar tools and workflows. TiDB Cloud's MySQL and PostgreSQL compatibility lets your team keep building with familiar tools. Migrate from Aurora MySQL in phases with continuous replication. GMGN completed its migration in about two weeks with no application code changes.

Stay on AWS. Choose managed TiDB Cloud on AWS, or TiDB Self-Managed or TiDB Cloud BYOC in your own AWS account. Purchase through AWS Marketplace with private offers and AWS billing. Work with our team to apply your AWS commitment.

Put live data to work. Build AI applications with vector and full-text search. Connect agents to live data through the TiDB MCP Server on Amazon Bedrock AgentCore.

Talk to TiDB about your Aurora workload

Review your scaling bottlenecks, migration path, and AWS purchasing options with our team.

Talk to a TiDB expert →