DataStax Astra DB

Open, Multi-Cloud Serverless Database-as-a-Service Built on Apache Cassandra™

Astra DB is a fully managed, multi-cloud and serverless DBaaS that scales up and down dynamically with pay-as-you-go pricing. Astra DB eliminates operational overhead, the biggest obstacle to using Apache Cassandra, the open-source NoSQL database behind the largest applications in the world, including Netflix and Instagram.

Astra DB "bends the curve" of escalating data costs, delivering enterprises total cost of ownership (TCO) savings of up to 3-5 times over self-managed Cassandra clusters.

venmo

"We already use Cassandra for the reliability and resilience to handle big workloads with zero downtime. The promise of Astra DB is a true Database-as-a-Service with no ops. This will help developers work more efficiently so they can spend more time innovating."

Dipak Chandan
Senior Engineering Manager, Venmo

DataStax Astra DB: Purpose–built for Modern Data Apps

Freedom of Choice
Maintain data sovereignty and avoid vendor lock-in. Deploy on any of the major public clouds AWS, GCP or Azure, in one or more regions. Compatible with open source Cassandra.

Radically Simplified
Astra DB radically simplifies application development and improves time-to-market with modern, developer-friendly REST, JSON, and GraphQL APIs. Developing against Astra DB is easy!

DataStax

Cost Optimized

Pay-as-you-go pricing model enables users to pay by reads, writes and storage, thereby dramatically reducing the TCO for enterprises.

DataStax Astra DB Advantage

FEATURES	BENEFITS
Database-As-A-Service	A fully managed, Cassandra-compatible DBaaS, available in a few clicks with enterprise SLAs. Develop and deploy data-driven applications with a cloud-native service at global scale, without the complexity of database and infrastructure administration.
Open, Multi-cloud & Multi-region	Avoid vendor lock-in and deploy on any of the major public clouds (AWS, GCP, Azure) in one or more regions, compatible with open-source Cassandra. Put data where needed without compromising performance, availability or accessibility.
Serverless	Avoid overprovisioning and reduce TCO by matching resources to application requirements and data traffic. Deploy richly interactive modern data apps that can scale infinitely from day 1 and scale down to zero automatically when database is not in use.
Security	Secure data and protect privacy using encryption at rest and on wire, role-based access control, and single sign-on. Detect and prevent potential breaches through configurable auditing and log scanning and filtering.
Storage Attached Indexes (SAI)	Query any column in the table, without being restricted to the primary key. Enable developers to avoid Cassandra specific and limited querying methods. Stop denormalizing data, and reduce architectural complexity.
Stargate Data API Gateway	Interact with data using modern APIs including schemaless JSON, REST, and GraphQL. Eliminate drivers and the need to learn CQL.
Cloud-Native Data Platform	Built on Kubernetes, Astra DB utilizes a microservice and API first architecture thereby accelerating application development and time-to-market.
Zero Downtime Migration Tool	Enable live and offline migrations from Cassandra clusters with minimal manual effort.

DataStax Astra DB Pricing

Get Astra DB up and running in a few clicks and use for free. Or choose an elastic consumption pay-as-you-go plan or an annual commitment plan for additional savings. Sign up at: *https://astra.datastax.com/register*

Disclaimer: DataStax makes no warranties based on the information contained herein.

DataStax