

DataStax Enterprise –The Fastest, Most Scalable Distributed Database for Web, Mobile and IoT Applications. Built on Apache Cassandra.

Constant uptime and linear scale performance for online applications handling transactional, analytical, search, and in-memory workloads in a single platform.

DataStax delivers Apache Cassandra in a database platform – DataStax Enterprise (DSE) – purpose built for the performance and availability demands of IOT, Web, and Mobile applications. DSE gives enterprises a secure always-on database that remains operationally simple when scaled in a single datacenter or across multiple datacenters and clouds.

DataStax Enterprise includes:

1. DataStax Enterprise Server
2. DataStax OpsCenter
3. Expert Support and Services

DataStax Enterprise transforms traditional businesses into Internet Enterprises with excellent functional capabilities and lower total cost of ownership over traditional relational databases.

Benefits of DataStax Enterprise:

- Production-certified Cassandra with full software lifecycle management
- Comprehensive enterprise security
- Automatic management services for transparent maintenance operations
- Built-in enterprise search capabilities on Cassandra data
- Integrated streaming, real-time, batch analytics, and Hadoop integration
- Workload management for transactional, analytic, and search operations
- In-memory option for lightning-fast transactional and analytics workloads
- Visual management and monitoring from any device
- Around-the-clock expert support and services



Distributed Database for Internet Enterprises

- Scale to any size
- Always-on architecture
- Best in class for multi-data center and cloud deployments
- Handles transactional, analytical, search, and in-memory workloads in a single database cluster

Production Certified Cassandra

- Certified version of Cassandra ready for production environments
- Extensive quality assurance testing under heavy workloads
- Proven to scale on 1,000 node deployments across Amazon and Google
- Platform certification for compatibility with popular operating systems
- Validated to work with third party software (e.g. BI tools)
- Full software lifecycle and patch management

Expert Services and Support

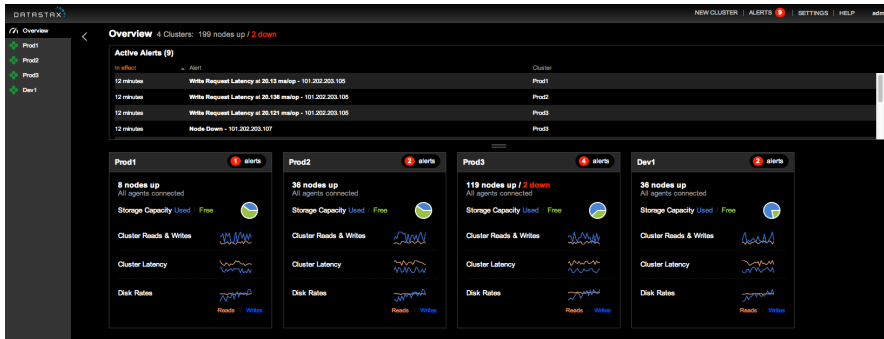
- 24x7x365 expert support
- Certified software updates
- Hot-fixes for emergency situations
- Bug escalation privileges
- Expert system health reviews

Enterprise Data Protection

- Full user authentication and authorization
- Seamless Kerberos, LDAP and Active Directory integration
- Transparent data encryption for sensitive data, along with client-to-node and node-to-node encryption of data
- Data auditing for tracking all activity
- Smart enterprise backup (local or cloud) with point-in-time restore

Visual Administration and Monitoring

DataStax OpsCenter, DataStax's visual management and monitoring tool gives admins complete visual control over all managed clusters with point-and-click abilities for creating, administering, backing up and monitoring databases.



DataStax Enterprise Subscription Offerings

DataStax Enterprise offers 2 subscription models. DSE Standard represents the minimum functionality required to go into production with Apache Cassandra. DSE Max is ideal for applications needing mixed workload support (i.e. analytics, search, and in-memory workloads on Apache Cassandra).

| | Open Source Cassandra | DSE Standard | DSE Max |
|------------------------------------|--------------------------|-----------------|------------|
| DATABASE | | | |
| DSE Production Certified Cassandra | | ✓ | ✓ |
| DSE Advanced Security | | ✓ | ✓ |
| DSE Automatic Management Services | | ✓ | ✓ |
| DSE Search | | | ✓ |
| DSE Analytics | | | ✓ |
| DSE In-Memory | | | ✓ |
| MANAGEMENT | | | |
| OpsCenter | Basic | Advanced | Advanced |
| SUPPORT AND SERVICES | | | |
| Expert Support | | ✓ | ✓ |
| Certified Software Updates | | ✓ | ✓ |
| Platform Certification | | ✓ | ✓ |
| Bug Escalation Privileges | | ✓ | ✓ |
| Hot Fixes | | ✓ | ✓ |
| Health Checks | | ✓ | ✓ |

Visual Administration and Monitoring

- Complete visual control over all managed clusters
- Point-and-click abilities for creating, administering, backing up and monitoring databases
- At-a-glance dashboard of all managed clusters
- Proactive alerts for headless monitoring
- Accessible from any web browser and device

Automatic Management Services

- Transparently handles critical maintenance functions
- Automatically maintains data consistency in a cluster
- Handles all capacity planning functions
- Enables fast and easy performance monitoring and tuning
- Automates best practice enforcement
- Provides smart backup and restore service for protecting data

Powerful Integrated Analytics

- Real-time analytics including in-memory with Apache Spark.
- Spark streaming for real-time use cases
- Built-in batch analytics on Cassandra data with Hadoop
- Seamless integration with external Hadoop deployments
- Delivers analytics across multiple data centers with no single point of failure

Fast and Easy Enterprise Search

- Hit highlighting, faceted search, rich document handling and geospatial support on Cassandra data
- Scale out performance for heavy-duty search workloads
- Live indexing feature makes new data instantly accessible to search
- Easy setup and maintenance of search nodes
- Multi-data center and cloud ready

In-Memory Option

- Delivers in-memory computing abilities to Cassandra
- Allows for lightning-fast read operations, which are always handled in RAM
- Simple, easy, and transparent to the underlying application
- Provides full tiered storage support in one database platform