

# DATASTAX ENTERPRISE AND MICROSOFT AZURE THE HYBRID CLOUD LAYER BUILT FOR DISRUPTORS

DataStax Enterprise (DSE) is the always-on, distributed cloud database built on the industry's best distribution of Apache Cassandra and designed for hybrid cloud. Built for the Right-Now Economy, DSE on Microsoft Azure empowers your applications to deliver instant, personalized experiences by making them highly contextual, always on, real time, globally distributed, and infinitely scalable, while giving you the data autonomy you need to thrive in an increasingly hybrid-cloud world.



### Always On

Ensure continuous availability and easily control data distribution and replication across nodes, multiple data centers, cloud regions, or hybrid-cloud environments.



### Effortless Scale

Enjoy linearly scalable performance to increase your throughput predictably and quickly.



### Instant Insight

Empower your applications' operational data with built-in search, graph, and analytics to know right now and act right now.



## DATASTAX ENTERPRISE FEATURES

**Multi-Model Database:** Support for tabular, key-value, JSON, and graph

**Multiple Workloads:** Database, search, and analytics in a single cohesive solution

**Unmatched Performance:** 2x the throughput and half the latency of open-source Apache Cassandra

**Continuous Availability:** A fully distributed, masterless architecture for 100% uptime

**Self-Driving Operations Simplicity:** Near zero maintenance operations and error-free upgrades

**Transactional Analytics:** Continuous access to streaming and batch data for relevant, in-the-moment insights using your existing BI and SQL tools

**Enterprise-Grade Security:** A consistent security model including unified authentication, transparent data encryption, data auditing, and more



Improving the Office 365 experience for millions of customers with DataStax Enterprise on Azure.

Learn more at:

<https://www.datastax.com/resources/casestudies/case-study-microsoft-office-365>

## POWERING USE CASES FOR CLOUD APPLICATIONS

DSE is perfect for applications that require contextual, always on, real-time data - at scale.

**Customer 360:** Capture a complete view of your customers to provide the best customer experience.

**Personalization:** Provide real-time personalization that is ready to scale.

**Recommendation:** Deliver the right message when it matters most to your customers.

**Fraud Detection:** Understand user behavior to provide contextual warning for fraudulent activities.

**Inventory Management:** Use always-on data to allow shoppers and employees to make real-time choices.

**Supply Chain:** Understand your end-to-end supply chain network while being able to connect with multiple partners in real time.

**Security:** Process massive amounts of data in real time to identify, stop, or prevent threats.

**Identity Management:** Provide identity check and grant real-time access for customers to guarantee user security.

# DATASTAX ENTERPRISE SUBSCRIPTIONS

FEATURES		APACHE CASSANDRA™	DATASTAX BASIC	DATASTAX ENTERPRISE	DATASTAX MANAGED CLOUD
Masterless Architecture and Tunable Consistency		☑	☑	☑	☑
Advanced Performance			☑	☑	☑
NodeSync and TrafficControl			☑	☑	☑
Multi-Model	Tabular, Key-Value, JSON	☑	☑	☑	☑
	Graph			Option	Option
Security	Basic (Login/Password, etc.)	☑	☑	☑	☑
	Advanced (Auditing, External Authentication, Data Encryption, etc.)			☑	☑
Automatic Management Services				☑	☑
Advanced Replication, Tiered Storage, In-Memory				☑	☑
Multi-Instance				☑	N/A
Search and Analytics				☑	☑
AlwaysOn SQL and Spark Connector				☑	☑
Studio			☑	☑	☑
Drivers		DataStax Apache Cassandra Drivers	DSE Drivers	DSE Drivers	DSE Drivers
Management				OpsCenter	Cloud Console
Expert, 24x7x365 Support with 1-Hour SLA			☑	☑	☑
Expert Platform Certification, Certified Service Packs, Hot Fixes and Bug Escalation, Health Checks / Performance Reviews			☑	☑	☑
Onboarding Package					☑
Software Deployments for Non-Production Environments (Support Available, Fees Apply)			☑	☑	☑*

\*Please contact us for pricing details or to check if you qualify for an exception.