

Managed Cassandra

Fully Hosted and Managed Service for Apache Cassandra

Countless organizations rely on Apache Cassandra, the world's leading NoSQL database, to manage large volumes of data generated by their applications. But to effectively deploy Cassandra, you need access to a mature operational environment with 24x7 staff support.

Instaclustr Managed Cassandra gives you a powerful combination of automated features within our platform, 24x7 expert support, and enterprise-grade processes that can handle the most demanding customer requirements. Offload managing Cassandra to us so you can focus on innovation in the rest of your application stack.

Why Instaclustr?



Largest, most experienced team of Cassandra operators in the industry, with more than 30 experienced Cassandra operators around the globe



100% open source technologies, so you know we'll never charge you license fees or lock you in with complicated contracts



100 million node hours of experience managing open source technologies including Cassandra



Source-code-level expertise, with our experts contributing to the Cassandra project and with one committer on staff



Zero-downtime migration experience helping clients move from proprietary (e.g. Datastax, DynamoDB) or self-managed Cassandra clusters



Multi-tech data platform that can extend beyond Cassandra to also host and manage Apache Kafka, Apache ZooKeeper, OpenSearch, Redis, and PostgreSQL

Features

- 100% open source Apache Cassandra
- Easy-to-use management console
- Core software bug fixes included
- Supported software bug fixes included
- Repair coordination built-in
- Ongoing backups built-in
- Single-tenant clusters by default
- Multi-region clusters available
- Terraform-based provisioning
- Prometheus monitoring API
- Provisioning and Monitoring RESTful APIs
- ecAudit support
- LDAP and Kerberos authentication

SLAs

- Up to 100% availability SLA
- Read/write latency SLA

Support

- 24x7 expert coverage included
- Guaranteed 15min response time, 24x7 work to resolve critical issues

Available Add-Ons

- Apache Spark
- Apache Lucene Secondary Index
- Cassandra Connector for Kafka Connect
- Private Network Cluster (no publicly routable IPs for nodes)
- Continuous Backups (snapshot backups every 3h, commit log every 5min)

Flexible Hosting Options

- AWS
- Azure
- GCP
- DigitalOcean
- IBM Cloud
- On-Prem

Security and Compliance

- SOC 2 Certified
- PCI-DSS available
- HIPAA available

Instaclustr helps organizations deliver applications at scale through its managed platform for open source technologies such as **Apache Cassandra®**, **Apache Kafka®**, **Apache Spark™**, **Redis™**, and **Elasticsearch™**.

Instaclustr combines a complete data infrastructure environment with hands-on technology expertise to ensure ongoing performance and optimization. By removing the infrastructure complexity, we enable companies to focus internal development and operational resources on building cutting edge customer-facing applications at lower cost. Instaclustr customers include some of the largest and most innovative Fortune 500 companies.

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