

FEATURES

SQL Select

Data processing platforms like Spark, Presto, Hive, and Flink can analyze data with SQL select queries without downloading the entire object. MinIO supports Parquet, JSON and CSV formats, as well as zipped and encrypted objects.

Identity and Access Management

MinIO combines AWS IAM with support for popular external identity providers such as AD/LDAP, Okta and Keycloak - providing a range of options for authentication and authorization.

Active-Active Replication

Designed for mission critical production environments, MinIO is capable of providing bucket-level granularity for replication across geographically distributed data centers.

Lambda Compute

MinIO triggers Lambda functions through its AWS SNS/SQS compatible event notification service. Supported targets include message queues such as Kafka, NATS, AMQP, MQTT, Webhooks, and databases such as Elasticsearch, Redis, Postgres, and MySQL.

Data Lifecycle Management and Tiering

MinIO offers a unique suite of features to protect data within and across clouds - both public and private. MinIO lifecycle data management capabilities, including versioning, object locking, and the various derivative components, satisfy many use cases.

Monitoring

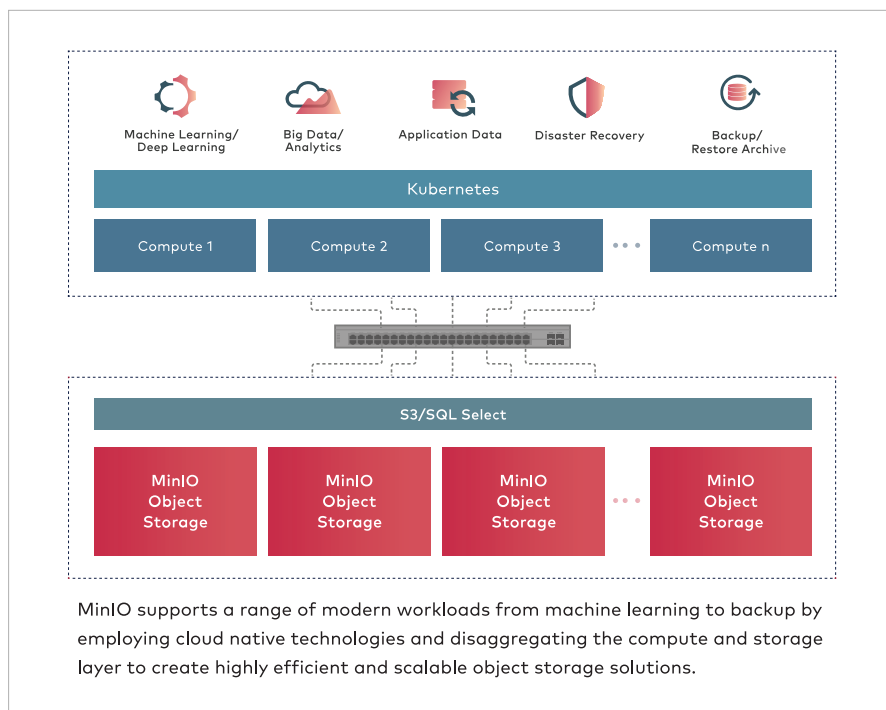
MinIO provides complete visibility into clusters with detailed performance metrics and per-operation logging. The result is a robust, transparent and performant answer to monitoring, alerting and observability.

MinIO is a leader in multi-cloud storage. As a pioneer in high-performance, Kubernetes-native object storage, MinIO can be found in the public cloud, the private cloud and at the edge. The open source, software-defined, Amazon S3 compatible object storage system is optimized for cloud-native workloads. Enterprises use MinIO to deliver against ML/AI, analytics, application, backup and archival workloads - all from a single platform.

MinIO is designed for hyperscale infrastructure challenges and offers an expansive suite of features designed for enterprise deployments including data protection capabilities like erasure code, bitrot protection, versioning, object-locking, encryption and tamper-proofing.

MinIO is architected to excel across several key dimensions:

- Performance.** MinIO is the world's fastest object store. With READ/WRITE speeds of 349 GB/s and 177 GB/s on standard hardware, object storage can operate as the primary storage tier for a diverse set of workloads ranging from Spark, Presto, TensorFlow, H2O.ai as well as a replacement for Hadoop HDFS.
- Scalability.** MinIO leverages the hard won knowledge of web scalers to bring a seamless scaling model to object storage. A design philosophy that "simple scales" means that scaling starts with a single cluster that can be expanded to any size without ever rebalancing.
- Simplicity.** Simplicity reduces opportunities for errors, improves uptime and delivers reliability while serving as the foundation for performance. The amount of configuration options and variations is kept to a minimum which results in near-zero system administration tasks and few paths to failures. Upgrading MinIO is done with a single command that is non-disruptive and incurs zero downtime.



SUBNET

While MinIO is open sourced under the GNU AGPL v3 license, customers often choose to purchase the software on a subscription basis. Their reasons for doing so differ, but they are unified in the value they see in the software coupled with a desire to have a deeper relationship with the team behind MinIO. Commercial subscriptions are supported by the MinIO Subscription Network (SUBNET). SUBNET offers a suite of features and benefits only available to commercial customers:



Security updates and bug fixes

Every production deployment is different and presents unique challenges. SUBNET subscribers receive timely security updates and bug fixes, individually tracked and prioritized for their environment - reducing costly incidents.



SUBNET Health

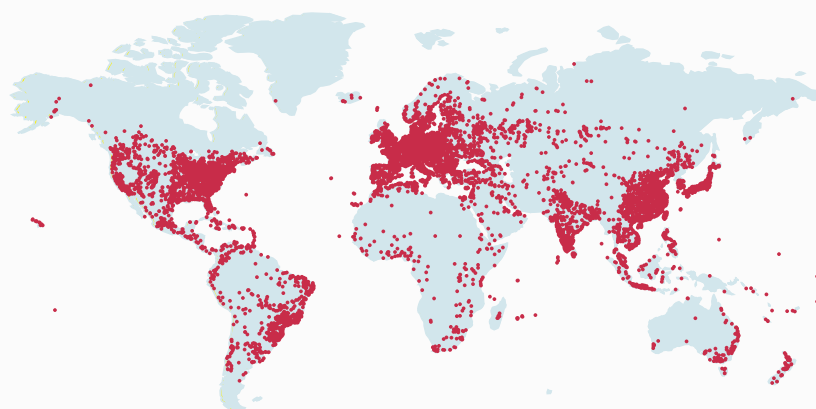
SUBNET Health is an opt-in diagnostic capability that proactively generates trouble tickets for engineering support/review based on server logs. Alerts are also available via SMS and email.



Real-time engineering support

Subscribers directly engage with level 4 engineering support anytime (24 x 7 x 365) and receive the fastest resolution possible.

The World's Fastest Growing Object Storage System



31.5K+
GITHUB STARS

782.7M+
DOCKER PULLS

16.9K+
SLACK MEMBERS

862
CONTRIBUTORS

ABOUT MINIO

MinIO is pioneering high performance, Kubernetes-native object storage for the multi-cloud. The software-defined, Amazon S3-compatible object storage system is used by more than half of the Fortune 500. With 781M+ Docker pulls, MinIO is the fastest-growing cloud object storage company and is consistently ranked by industry analysts as a leader in object storage. Founded in 2014, the company is backed by Intel Capital, Softbank Vision Fund 2, Dell Technologies Capital, Nexus Venture Partners, General Catalyst and key angel investors.