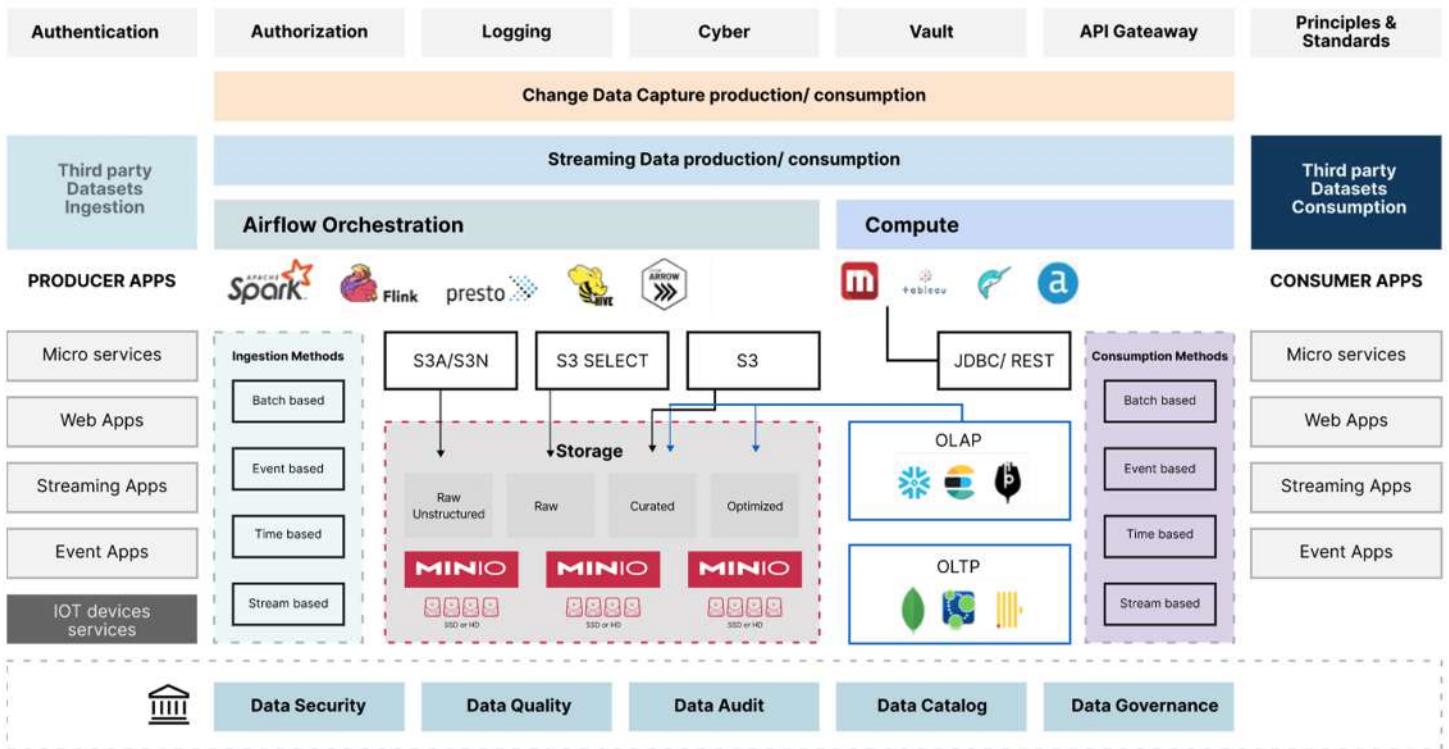


Use Cases

- ✓ In-House Data Lake
- ✓ AI / ML Storage
- ✓ Data Streaming
- ✓ SQL External Table
- ✓ Backup Repository



Why MinIO

Scalable

MinIO scales horizontally (scale-out) through a concept called Server Pools. Each server pool is an independent set of nodes with their own compute, network and storage resources. To add capacity to an existing system, simply update the cluster with the address of the new server pool, and MinIO does the rest. From Terabytes (thousands of Gigabytes) to Petabytes (millions of Gigabytes) and beyond, you can trust MinIO to handle your data storage needs efficiently and reliably, ensuring seamless scalability and unparalleled performance.

High-Performance

MinIO is high-performance, S3-compatible object storage that is designed for the cloud. Run it anywhere from public cloud, private cloud, edge cloud, and you can expect the same performance and experience.

Secure & Compliant

MinIO's bucket and object immutability is Veeam certified and validated by Cohasset Partners for use under SEC Rule 17a-4(f), FINRA Rule 4511, and CFTC Regulation 1.31.

Contact Us

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MINIO

Supermicro GrandTwin™ SuperServer SYS-211GT-HNTR 2U

This server enclosure deployed in a quad server configuration, meaning that each chassis holds four server nodes. Each server, or node, can accommodate a single 5th or 4th Gen Intel Xeon scalable processor, up to 4TB of RAM and up to 6 hot-swappable NVMe/SATA drives.

This server has been evaluated by MinIO engineering team with incredible results. Within this 2U server rack space, you can have full-fledged, high-performance MinIO cluster. The Supermicro GrandTwin™ SuperServer is a solid, well-designed NVMe class hardware that we recommend for MinIO workloads.

This is a dense, rack-optimized platform that shines in rack-dense environments, such as on-premise data centers, colocation facilities and the edge. Hardware like this is perfect for building your own small footprint private cloud.



MinIO in a BOX!

Configuration

CPU : Single Socket Intel Xeon SP 5th Gen 5512U 28C, 2.1GHz
RAM : 128GB (8x16GB)
Boot Storage : M.2 Micron 7450 Pro 480GB

Performance-optimized configuration
6x2.5" 8TiB NVMe
100GbE NIC
Usable Capacity: 144 TiB

Small file performance benchmark result

Object Size	PUT (Objects/sec)	GET (Objects/sec)
4KiB	23,342	38,856
16KiB	21,560	38,408
64KiB	19,641	35,482
128KiB	16,486	32,541
1024KiB	10,446	18,806

Performance benchmark result

GET (read)	105.39 GiB/s
PUT (write)	105.39 GiB/s

Why Arupa

Local Presence

We understand the unique needs of businesses in Indonesia and provide tailored solutions to meet them.

Expertise

Our team consists of skilled professionals with extensive experience in deploying and managing MinIO solutions.

Customer Satisfaction

Your satisfaction is our top priority, and we're committed to delivering exceptional service every step of the way.

What We Offer

Consultation

Our experts will work closely with you to understand your requirements and recommend the best MinIO setup for your business.

Implementation

We'll handle the installation and configuration of MinIO, ensuring a hassle-free deployment.

Local Support

Count on us for ongoing support and maintenance to keep your MinIO environment running smoothly.

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