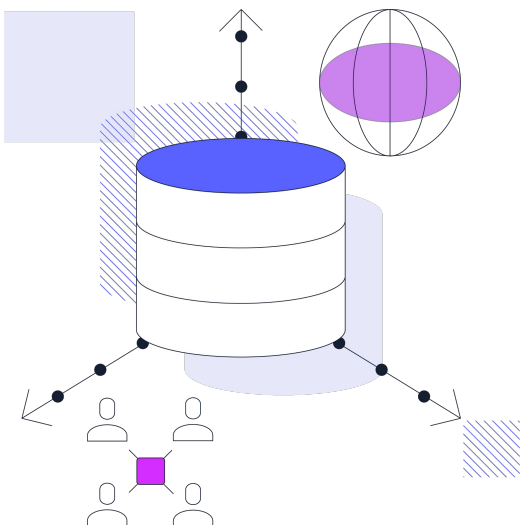Open source Redis vs. Redis Enterprise

Achieve more with Redis Enterprise

See how open source Redis and Redis Enterprise stack up, and learn why our enterprise-grade product is the clear choice to build and scale - fast.

Most used, most loved

Thousands of businesses and millions of devs build fast apps fast with our open source product. In fact, it's among the world's most loved and most used databases. Many open source projects start at the grassroots level, but as the number of users, volume of data, and regional presence increase, so do issues with cost, scalability, operations, and availability.

An even better Redis—from the ones who built it

Built on open source Redis, Redis Enterprise takes everything devs, architects, and DevOps teams love about our platform to the next level, letting teams run real-time apps at any scale, anywhere across the globe.

Our enterprise product is backed by the team that created our open source community and operates on the leading edge of database technology. We contribute the vast majority of code, manage updates, provide documentation and tutorials, run Redis University, and add functionality like Redis Stack and Redis Insight to make Redis more capable and easier to use for every business.

Go beyond open source

Save time

Save vital resources with faster time to value through automation , data integration, and observability solutions, fully managed on any cloud.

Our customers have deployed

2X

faster

Source

and saved

$1M

over three years thanks to higher efficiency

Source

Seamlessly integrate data between Redis and existing tech stacks with

0

lines of code

Save money

Use your resources efficiently, allowing your team to build faster apps without overspending on expensive RAM infrastructure.

Our customers reduce infrastructure costs by up to

70%

Source

"We now only use 30% of the DRAM storage we previously used, with no sacrifice in latency. That equates to **hundreds of thousands of dollars in infrastructure savings** each year"

Source

Reduce risk

Secure every app with resilience, security, and support from the team that built Redis.

Achieve a

20%

reduction in system downtime

Source

"Two years ago with an outage—it would have taken us weeks to recover. With Redis Enterprise, we didn't notice any issues. We just got an influx of alerts from Redis, and we were able to work it out. Losing Redis would impact a dozen of our applications for a full day, which isn't out of the realm of possibility if we had still been on open source."

Source

Do more with Redis

Unlock the value of real-time data to build the next generation of apps through personalization, better UX, proactive decision making, and AI.

1

technology for all of your real-time use-cases

"We're using Redis Cloud for everything persistent in OpenGPTs, including as a vector store for retrieval and a database to store messages and agent configurations. The fact that **you can do all of those in one database from Redis** is really appealing."

Source

See which Redis is right for your business

	Capabilities	Open source Redis	Redis Enterprise
Save time	Available as a fully-managed DBaaS	⊗	**AWS, Azure, GCP, Heroku**
	24×7×365 support from the Redis team	⊗	✔
	Automatic single-digit second failover	⊗	✔
	Automatic rebalancing and resharding when scaling	⊗	✔
	Built in observability with all major providers	⊗	✔
	Robust toolset for data integration between Redis and source databases without custom code	⊗	✔
	Native Kubernetes support and supported Kubernetes Operator	⊗	**AKS, EKS, GKE, TGKI, RKE, OpenShift**
	Sharding	Standard	**Standard, Custom (RegEx)**
	Official client libraries (Jedis, node-redis, redis-py, NRedisStack, Go-Redis, Lettuce)	✔	✔
Save money	Built in multi-tenancy to fully utilize infrastructure	⊗	✔
	Shared-nothing architecture	⊗	✔
	Auto Tiering technology that maintains performance while cutting costs at scale	⊗	✔
Reduce risk	SLA for availability	⊗	**99.999%**
	No downtime or performance degradation when upgrading Redis	⊗	✔
	Consistent performance during maintenance operations	⊗	✔
	Multi Factor Authentication (MFA), single sign-on (SSO), and role-based access controls (RBAC)	⊗	✔
	Support RDB snapshotting	✔	✔

Capabilities	Open source Redis	Redis Enterprise
Reduce risk		
Persist every operation with AOF	✔	✔
Support offered for Redis clients (Jedis, node-redis, redis-py, NRedisStack, Go-Redis, Lettuce)	✗	✔
Active-Passive Geo Replication (read-only geo-replication)	✗	✔
Active-Active Geo Replication (simultaneous reads and writes to multiple geographically distributed nodes with data consistency)	✗	✔
ACL selectors and key permissions	✔	✔
Monitoring and alerting capabilities	✗	✔
Do more with Redis		
Built-in JSON data structure support	Redis Stack	✔
Search and query	Redis Stack	✔
Full text search and secondary indexing	Redis Stack	✔
Redis JSON 2.6 support (MERGE & MSET)	Redis Stack	✔
Vector database with vector search	Redis Stack	✔
Scalable search for vector	✗	✔
Functions (Lua scripting)	✔	✔
Server-side, event-driven data processing in Javascript with Triggers and Functions	Redis Stack	✔
Time Series capabilities	Redis Stack	✔
Probabilistic data structures	Redis Stack	✔

Our customers have a lot to say

"
We were relying on OSS Redis, so it was easy to go forward with **Redis Enterprise for increased support and to make scaling easier**—and it couldn't get any easier from a developer standpoint.

**Anton Dollmaier,
Sr. Site Reliability Engineer, Mitto**
View Case Study

"
We looked at many other [database] solutions, most of which appeared to be very complex to implement. Redis worked perfectly. It was **easy to get going at a reasonable price.** When we upgraded to Redis Cloud, the Redis support team was amazing.

**Omar Koncobo,
IT Director, Ulta Beauty**
View Case Study

Get started with Redis Enterprise today
Book a meeting to speak with a Redis Expert

redis