



# Redis Enterprise: A winning investment

Lower costs, drive business growth, and maximize your investment in Redis

You have a lot of factors to weigh when choosing a new technology. Redis Enterprise makes your decision easy—offering fast data, seamless integration in your tech stack, and cost savings across the board. With our cost-efficient architecture and shard-based pricing, you can make the most of your team’s resources, time, and budget. We also help you bring more powerful, resilient products to the market—fast.

## This is what fast earns you

**350%**

ROI over  
3 years\*

**70%**

savings on  
infrastructure  
costs\*\*\*

**~\$1M**

savings from  
improved  
efficiency\*

**2X**

Faster  
deployment\*

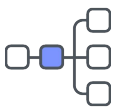
**20%**

reduction  
in system  
downtime\*\*

\*Forrester - Total Economic Impact of Redis Enterprise \*\*Simility Case Study \*\*\*Ekata Case Study

## Every advantage pushes you further ahead

Our platform is designed to help you get the most value for your time and money with:



### Cost-efficient architecture

Multi-tenancy, automatic tiering, and cost-effective replication that uses less infrastructure with maximum efficiency



### Competitive pricing

Easily provision based on memory and throughput and only pay for what you use



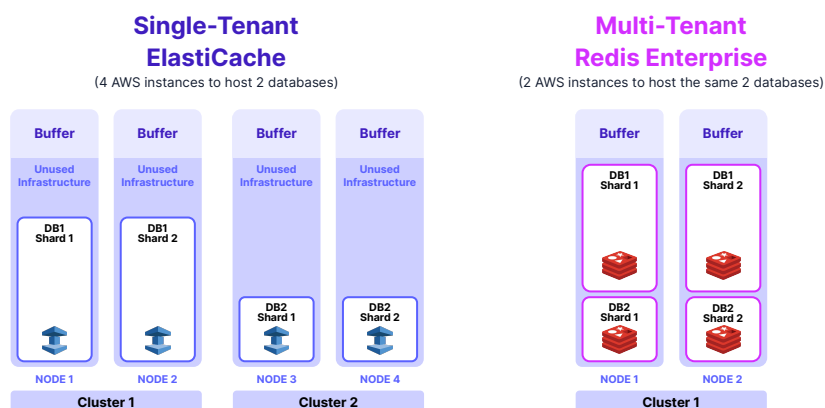
### Drive business growth

Significantly speed up time-to-value, ensuring revenue-generating apps perform flawlessly, and open new opportunities to transform your business with Redis

## Put the infrastructure you pay for to use

Redis Enterprise offers a multi-tenant solution so you can fully use the expensive infrastructure you pay for—meaning significant savings for your business.

Redis open source, and other “Redis compatible” services like ElastiCache, only provide one database endpoint per node—or instance—in each cluster. If you need additional database endpoints, you have to buy additional infrastructure even if your existing nodes are not fully used.



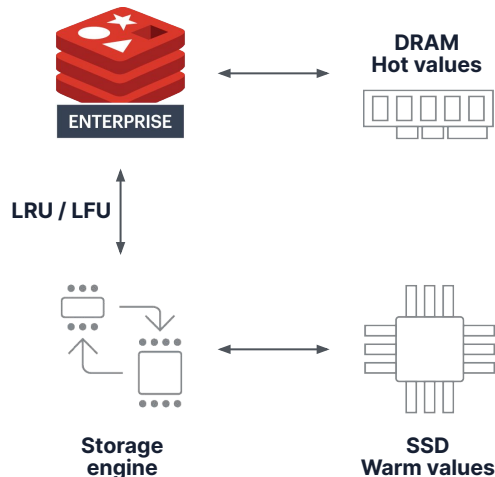
With Redis Enterprise's multi-tenant architecture, a single Redis deployment, serving as a cluster of nodes, can serve hundreds of tenants. Each tenant is completely isolated from the other databases hosted on the same node. With this architecture, infrastructure is 100% utilized before more is required.

## Save 70% on DRAM storage with Auto Tiering

While multi-tenancy more efficiently utilizes infrastructure, Auto Tiering helps reduce the amount of expensive DRAM you need to begin with—without sacrificing performance.

Redis stores data in DRAM because it's incredibly fast. But DRAM can be really expensive, especially at scale. This can become a barrier to developing real-time applications for use cases that rely on large datasets, such as caching for enterprises, fraud detection, or generative AI.

With Redis Enterprise's Auto Tiering, you can use solid state drives (SSDs) to extend databases beyond DRAM capacity to build applications that require large datasets with up to 70% lower costs than DRAM-only deployments.



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.**

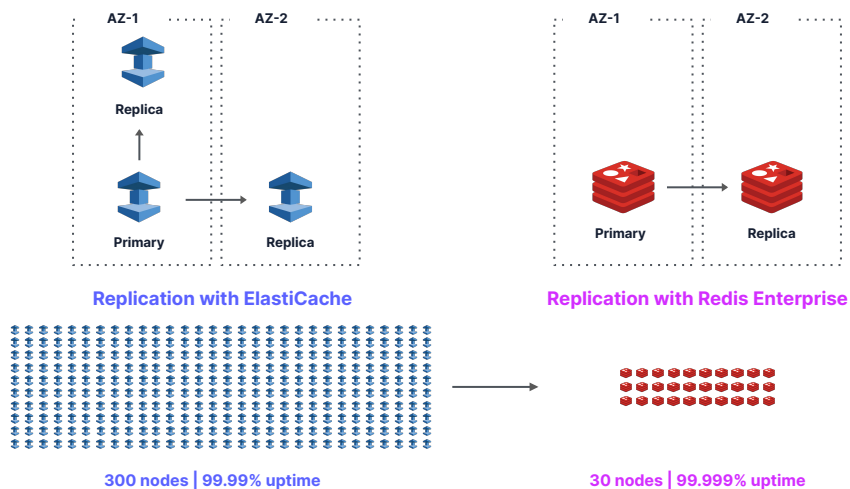
**Varun Kumar,**  
**SVP of Engineering**  
**Ekata, a Mastercard company**  
[View Case Study](#)

## Achieve a higher SLA with fewer replicas and resources

Redis Enterprise also saves you money through resource-efficient replication.

With Redis open source and other Redis compatible services like ElastiCache, you need one master and one replica in the same availability zone, plus a second replica in another availability zone. This requires much more infrastructure to achieve a lower uptime SLA (99.99% SLA).

With Redis Enterprise, you can achieve a better SLA (99.999%) with fewer resources—only one master and one replica.



This more efficient replication, coupled with multi-tenancy, often leads to a significantly reduced footprint for highly available deployments, with **Redis Enterprise often requiring around 10% of the infrastructure you'd need with other Redis compatible services, like ElastiCache.**

## Competitive pricing

### Only pay for what you use

Other Redis compatible services like ElastiCache make you pay for an entire node—or instance—even though 25% of that infrastructure is not usable, reserved backups and failover operations.

This means you pay 100% of the bill, but only use 75% of your provisioned infrastructure.

Redis Enterprise charges you by the shard, or the portion of the infrastructure you're actually going to use. You use 100% of the infrastructure that you pay for.

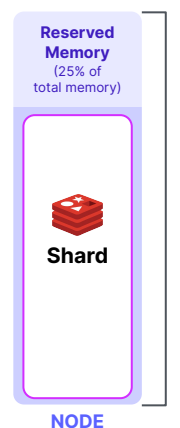
#### ElastiCache



- 25% of the Node's memory is not usable by Redis processes
- It's set aside for backups and failover operations

**This is a NODE** - this is what you pay for with ElastiCache

#### Redis Enterprise



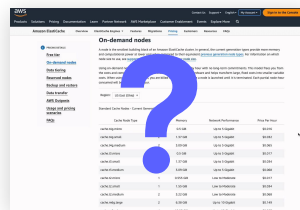
- The Reserved Memory still exists, but it's hidden
- Pricing is based on the memory you use in Redis, not the instance memory
- A **SHARD** is what you pay for with Redis Enterprise
- You can use 100% of the memory of every shard you buy

# Stop provisioning the old fashioned way

Serverless provisioning eliminates the confusing process of selecting from an array of instance types required by most Redis competitors.

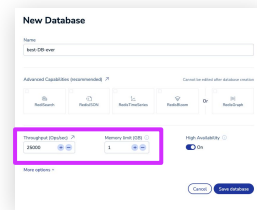
ElastiCache only recently started offering serverless provisioning—and now that they do—it is far more expensive, variable, and unpredictable than Redis Enterprise. If you don't want to pay incredibly high prices, you still have to provision the old fashioned way.

## Provisioning with ElastiCache



What does a cache.m6g.large get you?

## Provisioning with Redis Enterprise



Serverless sizing by memory and throughput

## Get a Fixed Plan that's 10% less expensive than ElastiCache.

With Redis Cloud, you simply provide your throughput and memory usage requirements, and we take it from there. You're always right-sized—and you never have to worry about unpredictable costs either.



Increase value and lower costs across your business

## Develop faster

Redis Enterprise helps you develop faster, so you can add value to your applications—and business—as quickly as possible. We do this by providing speed, simplicity, reliability, flexibility, and advanced tooling to make data integration, observability, and building with Redis a breeze. And we offer Redis as a fully managed DBaaS.

**2x**  
faster deployment

[Forrester - Total Economic Impact of Redis Enterprise](#)

## Eliminate downtime

We eliminate downtime to ensure your revenue-generating applications are always available, protecting your support team's time, your brand's reputation, and your revenue.

“  
The built-in high availability reduces the amount of operational effort required in-house to run the solution, enabling our technical resources to focus on other, more strategic projects.

**Ravi Sandepudi,**  
Head of Engineering, Simility  
[View Case Study](#)

## Do more with Redis

Unlock the value of your real-time data. Use Redis Enterprise to drive revenue and build the next generation of Redis-based applications that transform your business with personalization, increased efficiency, enhanced user experiences, proactive decision making, and new AI/ML 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.

**Harrison Chase,**  
Co-Founder and CEO, LangChain.  
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Start saving today with Redis Enterprise.  
[Book a meeting to speak with a Redis expert.](#)

