

August 28

# KEYSPACE

Amsterdam



[ Tickets ]

# Migrating 15k Redis servers to Valkey

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Background The Horsehead Nebula and its surroundings. The reflection nebula NGC 2023 in the bottom left corner. / Stephanh / License: CC BY 4.0.

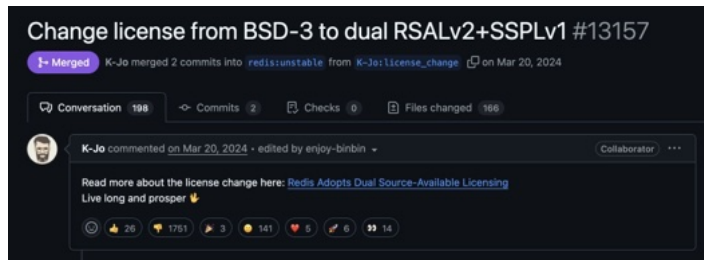
# Why? 1/2



DBaaS provider

- PostgreSQL
- MySQL
- OpenSearch
- Valkey
- ...

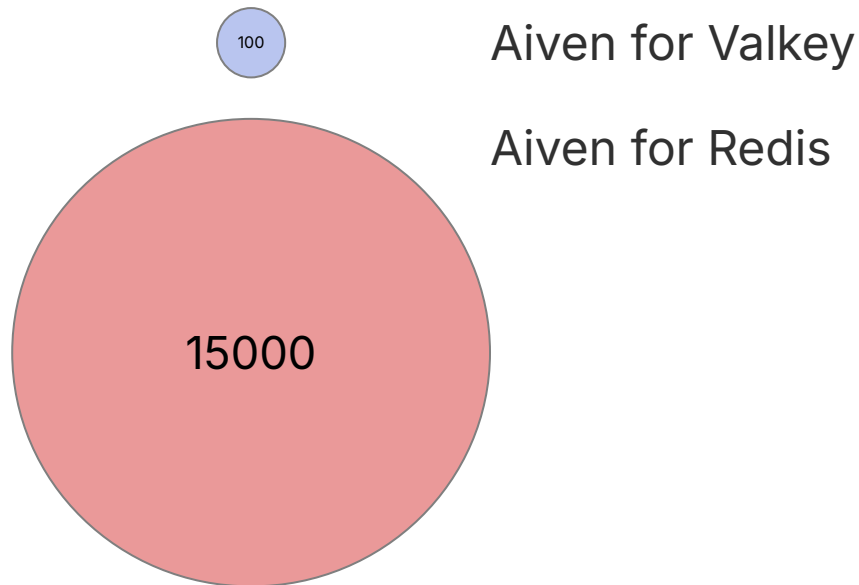
Aiven for Redis (2018 - 2024)



Aiven for Valkey (June 2024 - now)

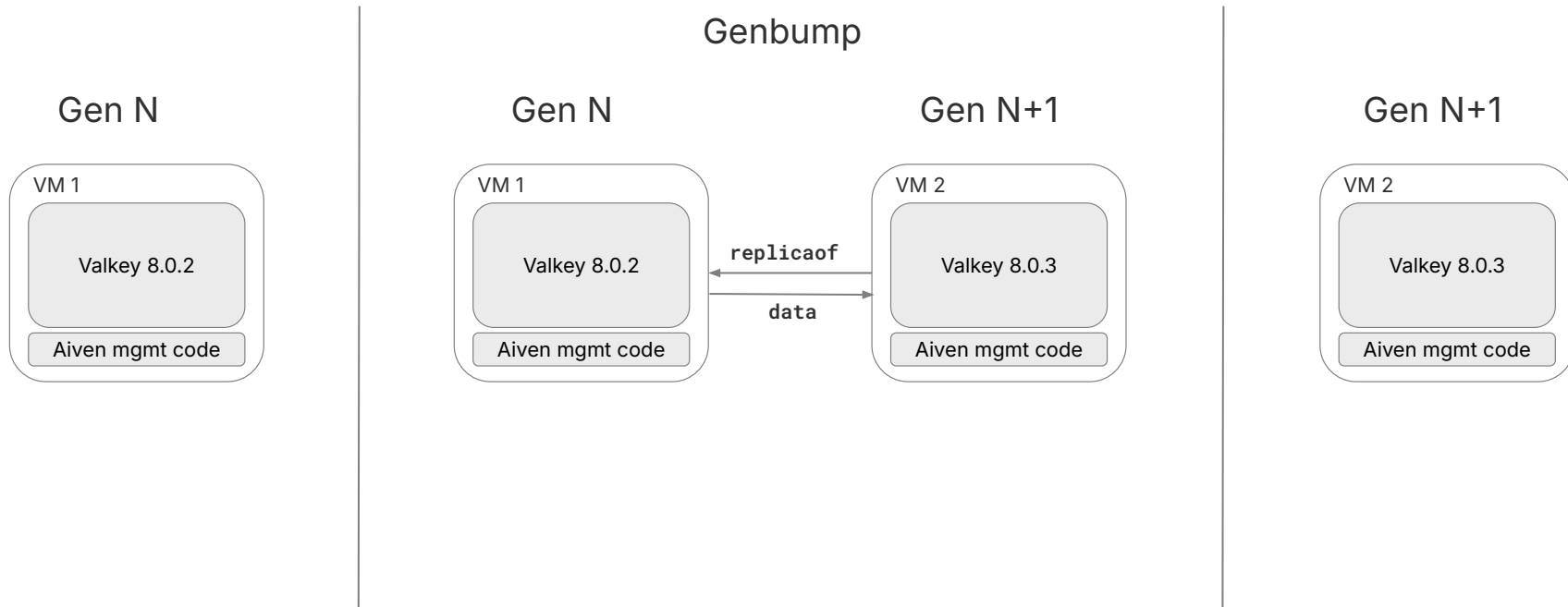
# Why? 2/2

Status as of July 2024:

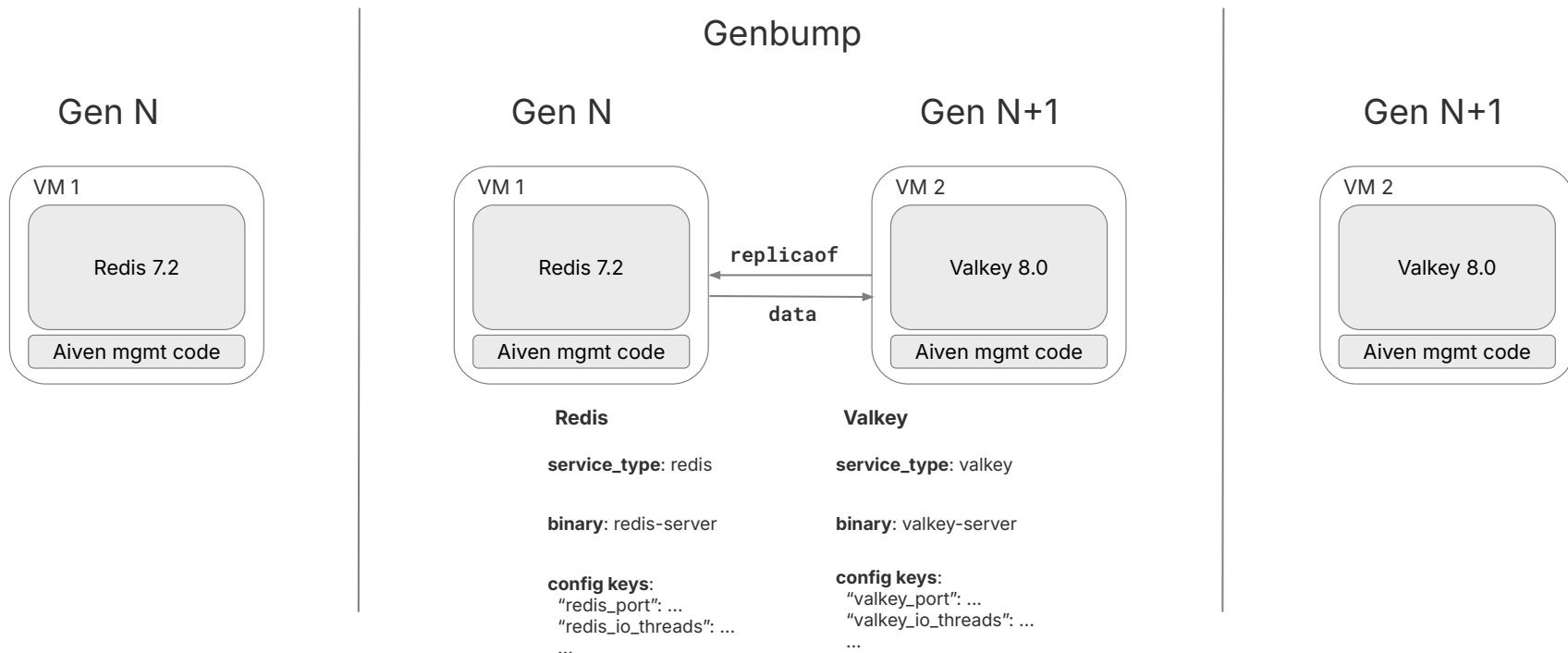


At the time, existing migration options required multiple manual steps and resulted in downtime

# How? 1/3



# How? 2/3



# How? 3/3

## Option 1

My Organization / test / my-redis-server / Overview



**my-redis-server**

Aiven for Caching 7.2.8 ⚠ Deprecating: 31 March 2025 🟢 Running 📄 Nodes 1

⚠ Aiven for Caching has reached End of Life and will no longer be available after 31 March 2025. Aiven Valkey after 31 March 2025.

Upgrade your Aiven for Caching service to Aiven for Valkey (Redis® OSS compatible) now. To test V:

[➕ Upgrade to Valkey](#) [🔗 Fork to Valkey](#)

## Option 2

Automatic migration during a server's maintenance window, after the EOL date

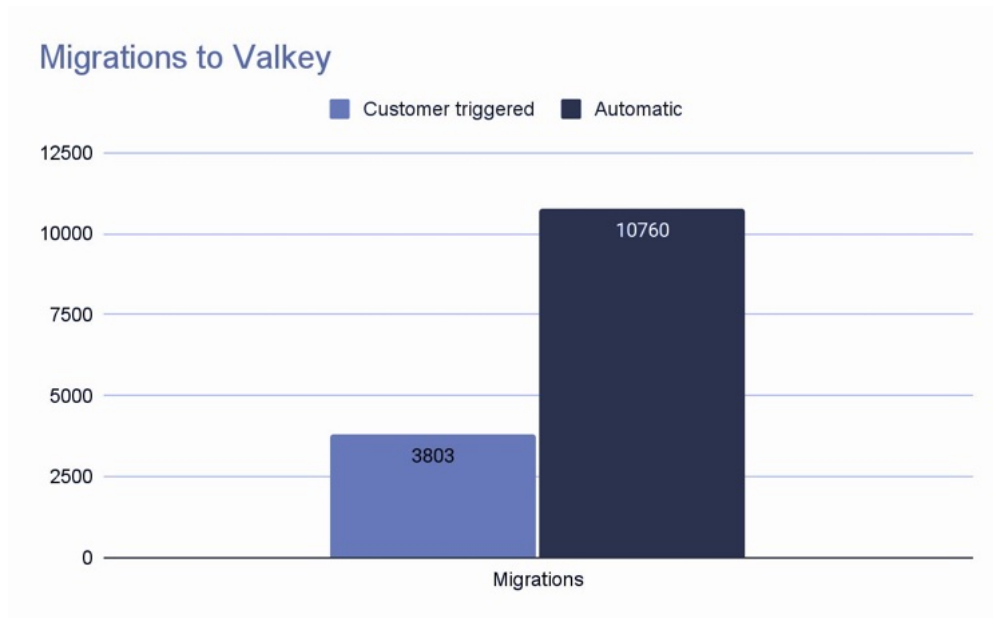
# Complications

Some setbacks along the way:

- Terraform and Kubernetes state mismatch
- ACL load bug in Valkey 8.0
- convincing customers and partners that the migration is safe

# Status

As of August 2025:







**Thank you!**  
**Q&A**

