
















Introduction

Clustered databases are essential for ensuring **high availability**, **scalability**, and **fault tolerance** in modern systems.

By distributing data across multiple nodes, they can handle larger workloads, prevent single points of failure, and ensure that services remain accessible even during hardware or network issues. Clusters are critical for businesses that need reliable, fast, and scalable database solutions to support growing demands.

 PostgreSQL PostgreSQL is a powerful, open-source object-relational database system, known for reliability, data integrity and performance. Details Select	 MySQL MySQL is an Oracle-backed open-source RDBMS that runs on almost all platforms.	 Redis Redis is an open-source, in-memory database, cache and message broker.
 Valkey A flexible distributed key-value datastore that supports both caching and beyond caching workloads.	 KeyDB KeyDB is both your cache and database, for cloud-optimized solutions.	 TimescaleDB TimescaleDB is the leading open-source relational database with support for time-series data.
 ClickHouse ClickHouse is an open-source, column-oriented DBMS for online analytical processing.	 OpenSearch Open source distributed and RESTful search engine.	 Hydra Hydra is an open-source alternative to enterprise data warehouses and it's simple, fast, and adaptable to your needs.
 Vaultwarden Vaultwarden is an open-source password management application that can be self-hosted and run on your infrastructure.	 Keycloak Keycloak is an open-source identity and access management solution designed to secure modern applications and services with ease.	 rke2 RKE2, also known as RKE Government, is Rancher's next-generation Kubernetes distribution.
 N8N n8n is a free, self-hosted workflow automation platform that connects apps, APIs, and modern AI tools—like Agents and MCP.	 RabbitMQ RabbitMQ is the most widely deployed open source message broker	 Vault Vault is a tool for secrets management, encryption as a service, and privileged access management

Supported Software

Elestio supports clustering for a wide range of software, making it adaptable to various use cases:

- **MySQL**
- **PostgreSQL**
- **Hydra**
- **TimescaleDB**
- **Redis**
- **KeyDB**
- **Valkey**
- **ClickHouse**
- **OpenSearch**
- **Vaultwarden**
- **Keycloak**

- **rke2**
- **N8N**
- **RabbitMQ**
- **Vault**

More DB clusters will be added soon;

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