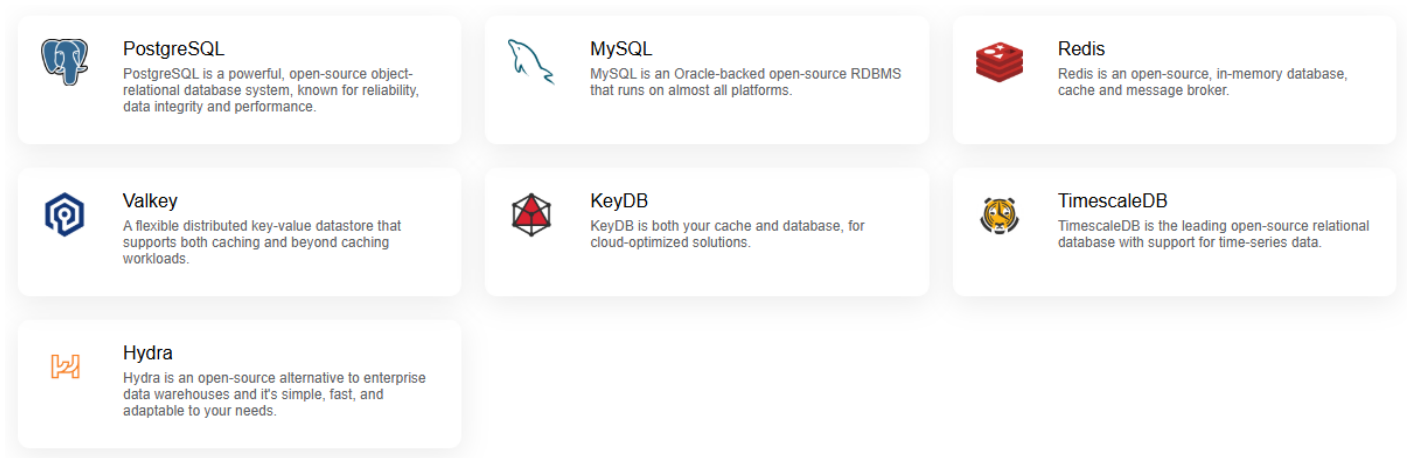


# Introduction

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.



## 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**

More DB clusters will be added soon, we are currently working on Clickhouse, Opensearch, Kafka and others.

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