



# STEELDOME

Data Protection in the Cloud Era

# Why Cluster Storage?

These benefits make clustered storage systems an excellent choice for critical applications and services that require high availability and fault tolerance. As a result, they are commonly used in enterprise environments, cloud storage solutions, and other scenarios where data reliability and constant accessibility are crucial.



## Fault Tolerance

In the event of a server failure, the data remains accessible through other available nodes. Each node contains redundant copies of data, ensuring that if one node fails, the data can still be retrieved from other healthy nodes.



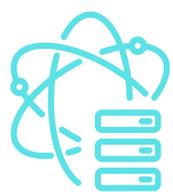
## Scalability

Clustered storage can easily scale as the amount of data increases. New nodes can be added to the cluster, expanding the storage capacity and improving performance.



## Redundancy

Data redundancy is inherent in clustered storage systems, as data is replicated across multiple nodes. This redundancy ensures data integrity and protection against data loss.



## Continuous Operation

Clustered storage can withstand network outages or server failures without affecting data accessibility. The remaining nodes can take over the responsibilities of the failed components, ensuring uninterrupted access to data.

