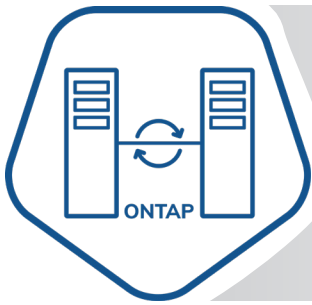


Benefits



Always-On Availability: All storage services remain available

Lowest TCO: no 3rd data centre or associated connection lines & maintenance

Removal of split-brain complications: highest security & data consistency

Infrastructure Independent resulting in the most reliable decision making

Easy Installation and operation with ability to be retrofitted with no disruption

Additional features such as Switchover on network failure / App Integration

Storage is one of the central components in IT systems. To ensure business continuity and prevent data loss, systems are replicated in a second data center.

However, many companies need Always-On availability to ensure productivity continues with zero system downtime as this impacts productivity, profits and reputation.

MetroCluster configurations protect data by implementing two physically separate, mirrored clusters. Each cluster synchronously replicates the data and SVM configuration of the other.

In the event of a disaster at one site, an administrator can activate the mirrored SVM and begin serving data from the surviving site. No Automatic Switchover is possible as the MetroCluster configuration cannot differentiate between a power failure, replacement of equipment or a genuine disaster.

NetApp does offer solutions to achieve maximum availability – Mediator and TieBreaker, but these still require a 3rd data centre and split-brain issues are not fully removed.

The ClusterLion Solution – Simple Functionality

- A 2U Rack Appliance is installed at both MetroCluster sites
- Quick installation – practically plug and play
- Infrastructure-Independent due to Mobile Communications
- Cloud Quorum monitoring software set up to monitor both sites
- Quorum analyzes and correlates status of both Metro-Clusters
- If a failure is detected, the ClusterLion shuts down the affected site
- Once this is complete, and data consistency is assured, switchover begins
- Clients and Servers remain connected

