On- & Off-Site Data Protection in Open-E JovianDSS

What is it & how can you benefit?

On- & Off-site Data Protection is a solution that prevents data loss and corruption threats thanks to:

» Easy-to-use, efficient backups of mission-critical data
» Scalability and ability to store backups on separate servers on- and off-site to ensure maximum data security
» Instant disaster recovery with unparalleled flexibility – data can be restored from minutes to years in the past
» Provides data security and ensures Business Continuity in combination with a High Availability Cluster
» No additional third party backup software necessary
On both local and off-site locations there are independent snapshot retention policies for:

» Creating new snapshots as often as 1 minute
» Keeping snapshots even for years without running out of space

One software and native backup
Built-in Enterprise-grade Backup and Disaster Recovery.

Backup of everything
All running virtual machines with applications and data even database backups are consistent.

Solved problem of backup window
Backup window reduced to minutes, only data changes are replicated every interval.

Protection against Ransomware
Very frequent snapshots with instant access to all data provide a quick way to roll-back to the state before a virus attack.

Instant access to and restore of previous data versions
Old images and data versions can be accessed / restored quickly. Via SMB every user has direct access to „Previous Versions“ without administrator help.

Optional removal and rotation of backup media
Thanks to Export/Import users can safely remove the backup media (disks) and rotate with other sets, or ship to another location.

With On- & Off-site Data Protection both RPO and RTO can be counted in minutes
These parameters are among the best in the industry!
Choose your individual security level

The greater the importance of data in a company, the greater the required protection. With Open-E JovianDSS you are able to decide how much protection you need: from a simple Open-E JovianDSS production server to a combination of a production server with various backup options.

On-site Data Protection - LEVEL 1

On-site Data Protection - LEVEL 2

On-site Data Protection - LEVEL 3

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On-site & Off-site Data Protection

Local site

Remote site

On-site & Off-Site Data Protection + High Availability Cluster = Maximum Data Security

On-site & Off-Site Data Protection

- Protects data by constantly backing it up and storing copies both locally and remotely
- Allows restoring data to a previous saved point in case of hardware failure or data corruption

High Availability Cluster

- Ensures business continuity by providing uninterrupted access to data even during hardware failures
- Maximizes utilization of hardware and network resources

On-site & Off-site Data Protection with HA

Remote site

High-Availability Open-E JovianDSS production server
- Backup on local pool
- Backup on system in same location
- Backup on remote site

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