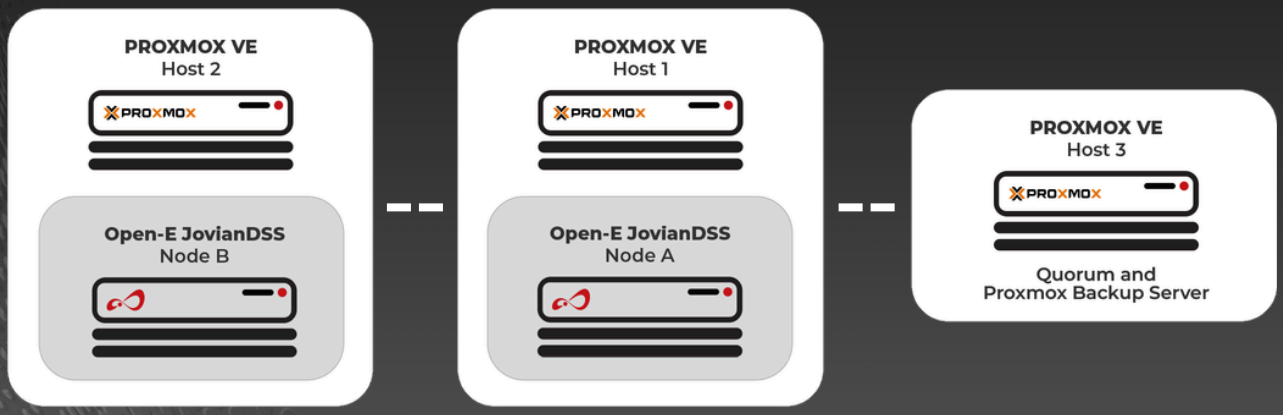
OPEN-E JOVIANDSS NFS & ISCSI PLUGIN FOR PROXMOX VE

Enterprise Virtualization with Up To 20% Savings On System



UNIQUE LEAN CLUSTER 2+1 ARCHITECTURE

Instead of blowing your budget on three expensive, high-performing compute machines just to satisfy Proxmox cluster quorum, you can run two primary nodes and pair them with one cost-effective node for quorum and data backups. You get full redundancy, seamless failover, and zero wasted hardware spend. What's best - the solution is fully unified, supporting both iSCSI and NFS protocols.

PROXMOX SOLUTION PROVIDER

iSCSI

- **Optimized for demanding workloads:** Engineered for high-throughput, low-latency tasks like database and transaction-heavy VMs.
- **Dedicated ZFS storage:** Provisioned on a per-virtual-machine basis.
- **Native iSCSI multipathing:** Delivers maximum performance and uninterrupted failover.

NFS

- **Versatile use cases:** Built for shared infrastructure, template repositories, and cluster backups.
- **Streamlined management:** Unifies VM images, ISOs, and container snapshots under one system.
- **ZFS efficiency:** Powered by a single, storage-efficient ZFS file system.

KEY FEATURES

OF OPEN-E JOVIANDSS PLUGIN FOR PROXMOX VE

Feature	NFS Plugin	iSCSI Plugin
Proxmox VE Content	Images, rootdir, vztmpl, iso, backup, snippets	Images, rootdir
VM/Container Data to Open-E JovianDSS Volume Relation	A single ZFS dataset is used to store all Proxmox VE resources, including VM images, container volumes, and ISO files.	Each VM/CT virtual disk is stored on its own dedicated volume
Snapshots	Open-E JovianDSS dataset contains snapshots for all resources associated with it	Each volume maintains its own set of snapshots. Snapshots are created individually for each volume. (Proxmox VE's built-in backup functionality does not back up Open-E JovianDSS plugin snapshots)
Rollback	✓	✓
Cloning	✓	✓
Volume movement from one VM to another	✓	✓
Volume resizing	✓	✓
Supported format of storing VM/CT data	RAW (with Snapshots supported)	RAW (with Snapshots supported)
Thin provisioning	Sparse RAW thin allocation supported; physical storage is allocated as data is written. Automatic reclamation of guest-discarded blocks is not supported. Over time, as new blocks are written and deleted, the RAW image may consume storage approaching its full provisioned size.	✓

READY TO SPEND YOUR HARDWARE BUDGET IN A NEW, EVEN MORE SMART WAY?

Shield your IT budget from rising market prices with an affordable, enterprise-class data storage solution.

Combining **Open-E JovianDSS** and **Proxmox VE** streamlines data administration across your hyper-converged infrastructure, cutting total system costs by up to 20% without the premium price tag.

DOWNLOAD THE PLUGIN

Open-E, Inc. | +1 (678) 666 2880 (US) | +49 (89) 800777 0 (Europe) | info@open-e.com