TrueNAS



SOLUTION BRIEF

Stop Hand-Building LUNs for Every VM.

PROXMOX

You click the button; TrueNAS builds your disks.

AT A GLANCE

COMPATIBILITY
TrueNAS 25.10 required
Supports Proxmox VE 8.x/9.x

TRANSPORT
iSCSI or NVMe/TCP

LIFECYCLE
Create · Snapshot · Template · Clone · Resize · Migrate · Delete

INSTALL
TrueNAS-published APT package

WHO IT'S FOR

It's a strong fit if you're standardizing a Proxmox VE 8.x/9.x cluster on TrueNAS 25.10+, already running NFS or hand-built iSCSI, or managing multiple Proxmox clusters against one array.

If you're considering Proxmox as the solution to a challenging hypervisor renewal quote, it's worth checking out how the storage side can be simplified with TrueNAS during your evaluation process.

If you run Proxmox today, provisioning storage is still somebody's afternoon. NFS exports are quick to stand up, but Proxmox's own storage docs admit the cost; slow snapshots, and I/O blocking errors at scale. Hand-cut iSCSI LUNs skip that penalty, but add friction instead; no native snapshots before Proxmox VE 9, and every storage change becomes a change request instead of a click.

The TrueNAS Proxmox Plugin ends that. It's a Proxmox VE storage backend for TrueNAS 25.10+ that automates block storage over the API - zvols published as iSCSI LUNs or NVMe/TCP namespaces, wired into the Proxmox UI's existing operations for create, snapshot, template, clone, resize, live migration, and delete.

Why Proxmox Admins are Making the Switch

One Plugin, Full Lifecycle.
Install the plugin and work straight from Proxmox. Create, snapshot, clone, resize, and delete all run through the secure TrueNAS API, with no SSH root to the array.

Provision in a Click.
No more multi-step process of creating a zvol, then an extent, then a LUN mapping - simply add a disk to the VM from the Proxmox UI and let the plugin handle the back-end work.

Shared Block, Cluster-Wide
LUNs and namespaces stay visible to every node, so live migration just works.

No Cluster Collisions.
Dataset-per-cluster naming prevents multiple Proxmox clusters from overlapping on the same TrueNAS appliance.

Built at a Glance

25.10+	iSCSI / NVMe	1 array
TrueNAS + Proxmox VE 8.x–9.x	pick your transport	many clusters, zero collisions

Get the Plugin

Community Edition and existing Proxmox + TrueNAS users: download the plugin from GitHub, install on a non-production cluster, and test it against your workloads.

TrueNAS Enterprise customers: ask your account team for a design review.

github.com/truenas/truenas-proxmox-plugin

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