

# SoftNAS™ Cloud Unified NAS Filer for VMware® VSAN

The no compromise software-defined NAS Filer for VMware.



*“SoftNAS Cloud extends VSAN and VMware into a complete software-defined storage system for private clouds and hybrid clouds.”*

— Rick Braddy, Founder and CEO  
SoftNAS LLC

## NAS Filer with NFS+CIFS+VSAN

For VMware customers in need of file sharing and advanced NAS features without costly, specialized hardware:

- Extends VSAN storage with NFS, CIFS/AD, iSCSI and Amazon S3 cloud storage
- Full NAS filer feature set
- Complete software-defined storage solution

## Software-defined Storage for the Cloud Era

For VMware customers in need of a complete software-defined storage solution for private, hybrid and public clouds:

- Encrypted cloud storage
- Highly durable Amazon S3
- SSD caching for S3 disks
- Accessible via standard NFS, CIFS and iSCSI protocols
- No specialized hardware
- Transforms VMware into a complete storage solution
- Multi-tenant capable for service providers

Download the free 30-day trial and get started today!

[www.softnas.com/vmware-vsan](http://www.softnas.com/vmware-vsan)

## Software-defined NAS filer for unified NFS, CIFS, iSCSI and Cloud Storage with VSAN

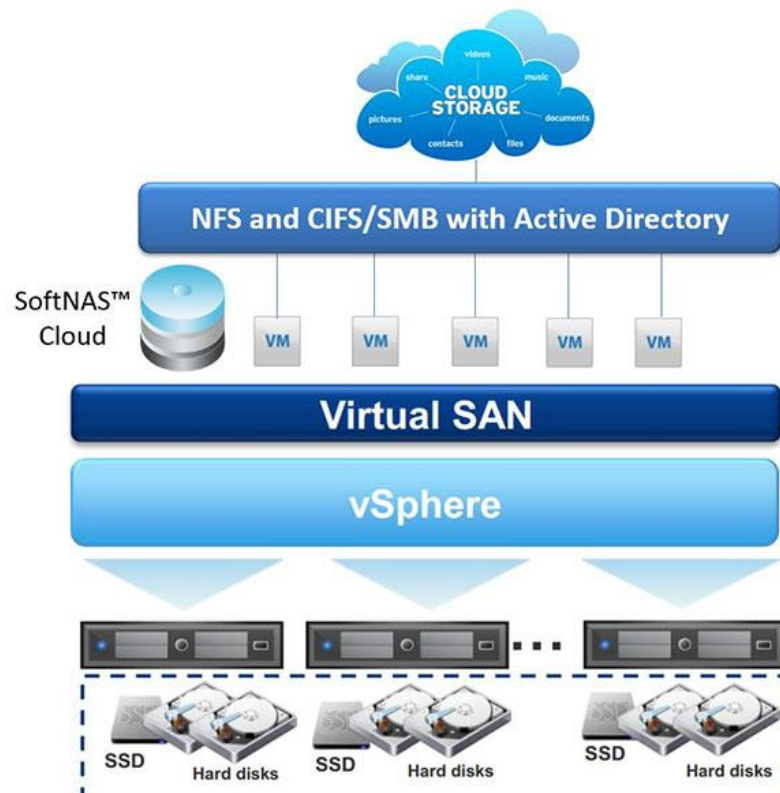
VMware® Virtual SAN™ (VSAN) delivers hyper-converged SAN storage, built upon VMware ESX hosts with SSD and disk media, which is great for running VM's on local, clustered storage. Many applications require additional file sharing capabilities traditionally delivered as “NAS” features (e.g., deduplication, compression, scheduled snapshots, writable clones, replication, etc.). These application architectures require file sharing via NFS and CIFS/SMB protocol, along with Active Directory Integration and granular Windows access controls. And in today's cloud-based world, convenient access to highly durable off-site cloud storage is required for secure archiving and mass cloud storage.

SoftNAS™ complements VSAN with the requisite NAS feature set, combined with unified storage access via NFS, CIFS/SMB with AD integration. It extends the VMware environment to include highly durable Amazon S3 cloud storage, up to 16 petabytes of secure off-site cloud storage per SoftNAS filer.

## SoftNAS Cloud and VSAN

### Need large-scale Windows CIFS file sharing or a large-scale NFS server?

No problem. SoftNAS leverages VSAN as primary storage, making it highly available with additional NAS features as unified storage via NFS, CIFS and iSCSI.



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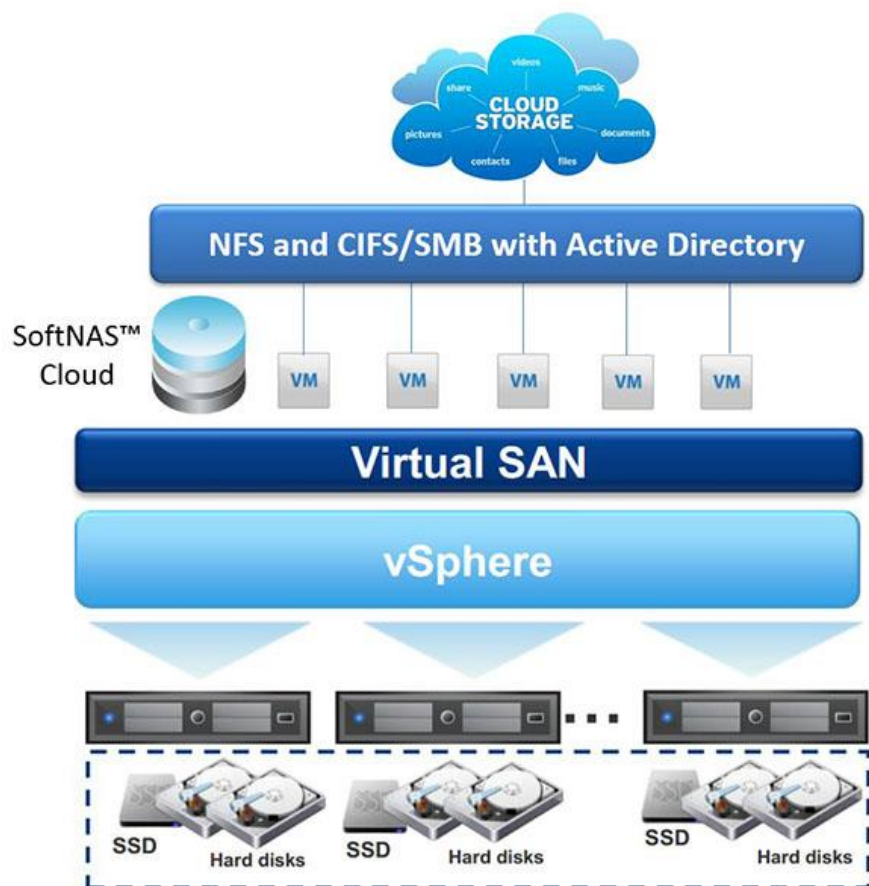
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## How it Works

SoftNAS Cloud runs as a virtual appliance on VMware ESX. The SoftNAS Cloud VM is allocated clustered storage from VSAN, which is organized into a storage pool. Volumes are allocated from the pool and shared as NFS exports and CIFS/SMB shares. Active Directory Integration provides authentication and authorization based upon AD users and groups, and the POSIX file system ZFS on Linux provides granular access controls for Windows security.

For cloud disk access, one or more Amazon S3 buckets are transformed into SoftNAS Cloud Disks and assigned to storage pools, where they also become available for easy access via NFS, CIFS and iSCSI by VMware hosts, Windows and Linux VM's, applications and end-users in need of encrypted, secure cloud storage for off-site backups, archival and other mass storage uses.



## Free 30-day Trial

Create affordable, powerful private and hybrid cloud storage solutions combining the power and flexibility of software-defined VSAN and SoftNAS Cloud for VMware in just minutes! It's easy to get started with the free 30-day trial. Download a free trial at [www.softnas.com/vmware-vsan](http://www.softnas.com/vmware-vsan) or contact your SoftNAS or VMware partner or sales representative.

