

VxCloud Software Defined Storage

The problem with storage has always been the difficulty for SMB, ROBO (Remote Branch Office) and Medium Enterprise clients to get inexpensive high-performance primary storage for server virtualization, VDI, database, BigData scenarios, and secondary storage for backup and disaster recovery.

VxCloud offers the SoftNAS Storage Appliance (SA) solutions. A high-end storage solution built with “best of breed” commodity components: hardware (Dell servers, Mellanox network gear) and software (VMware operating system), assembled into one solution with SoftNAS VSAN virtual shared storage.

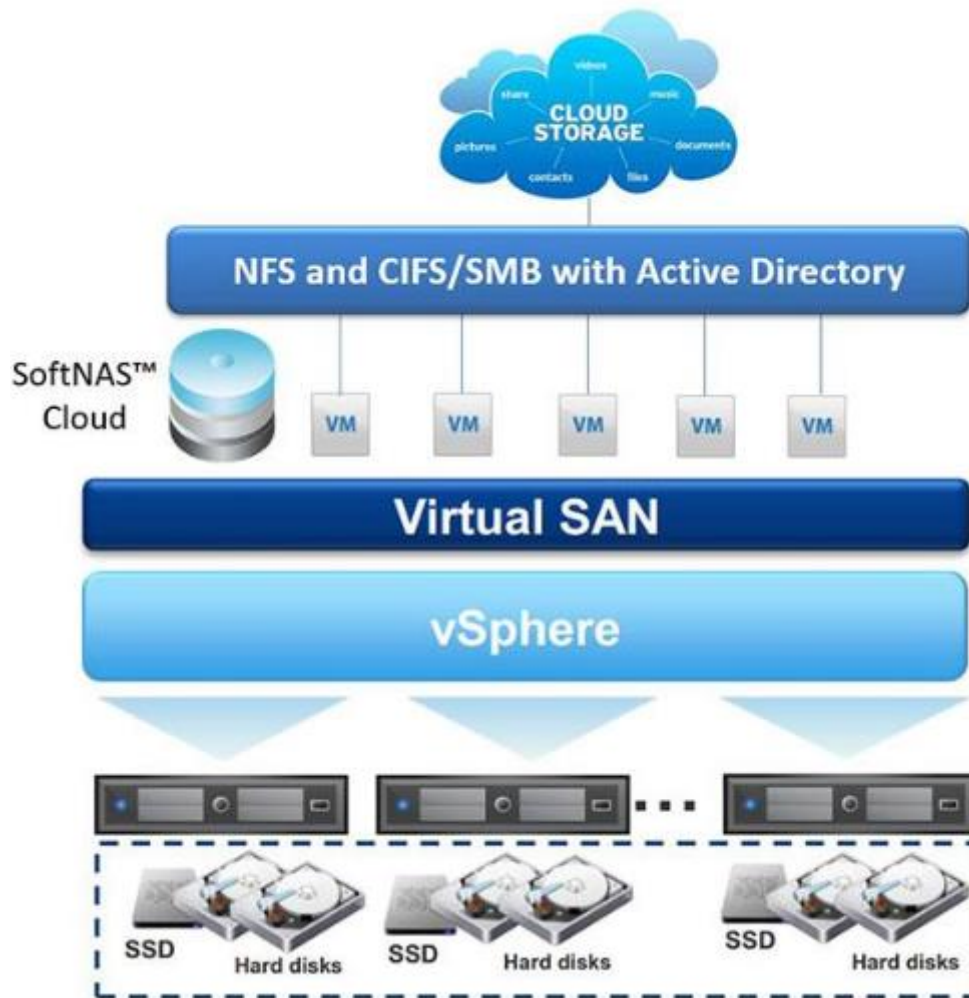
The solution is used as affordable high end storage solutions that is creating a competitive and cost effective alternative to the old traditional SAN and NAS solutions.

VxCloud Virtual SAN (VSAN) delivers hyper-converged SAN storage, built upon VMware ESX (Licensed and Free Version) hosts with SSD and disk media, which is great for running virtual machines on local, clustered storage.

Many applications require additional file sharing capabilities traditionally delivered as “NAS” features (e.g., deduplication, compression, scheduled HA snapshots, writable clones, and replication).

These application architectures require file sharing via NFS and CIFS/SMB protocol, along with Active Directory integration and granular Windows access controls. In today’s cloud-based world, convenient access to highly durable off-site cloud storage is required for secure archiving and mass cloud storage.

VxCloud SoftNAS complements VSAN (Virtual SAN) with the NAS feature set using unified storage access via NFS, CIFS/SMB, iSCSI with AD integration. It extends the VMware environment to include highly durable Amazon S3 and Azure Blob and Clod cloud storage, up to 16 petabytes of secure off-site cloud storage per SoftNAS filer.



“For the Client that Always Wanted to Storage Data with Compression into Azure and Amazon”

