NexentaConnect for VMware Virtual SAN
Datasheet

Full featured file services for VMware Virtual SAN

NexentaConnect for VMware Virtual SAN is designed for VMware Virtual SAN environments to simplify and streamline provisioning and management of file services on top of VMware's Virtual SAN scale-out datastore.

Taking advantage of VM-level storage policies, NexentaConnect for VMware Virtual SAN automatically and dynamically matches requirements with underlying storage resources. Utilizing NexentaConnect as the virtual NAS, many manual storage tasks related to the filer are automated, delivering a more efficient and cost-effective operational model. NexentaConnect for Virtual SAN is ideally suited to complement the VMware infrastructure and support the following use cases.

Departmental Storage

Virtual SAN provides an ideal solution for departmental virtual machine deployments but lacks the required file storage for user and team data. Augmenting Virtual SAN with NexentaConnect solves this problem with Windows and Unix based file services.
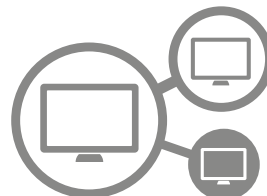
VDI

A software based hyperconverged model for VDI keeps the per desktop cost as low as possible. Utilizing NexentaConnect for user data and complementary files completes the story for VMware Horizon deployments without the need for an additional shared storage solution.

Remote and Branch Offices

Smaller branch offices often have the same needs as a corporate headquarters without the need for the scale or expense. NexentaConnect provides file services to branch users that can be easily provisioned, managed and replicated, integrated with VMware Virtual SAN deployments.

vSAN	Built for vSAN
	File Services
	Simple Operation
	Seamless Integration
	Data Reduction

Visit us online at nexenta.com

NexentaConnect for VMware Virtual SAN Features Overview
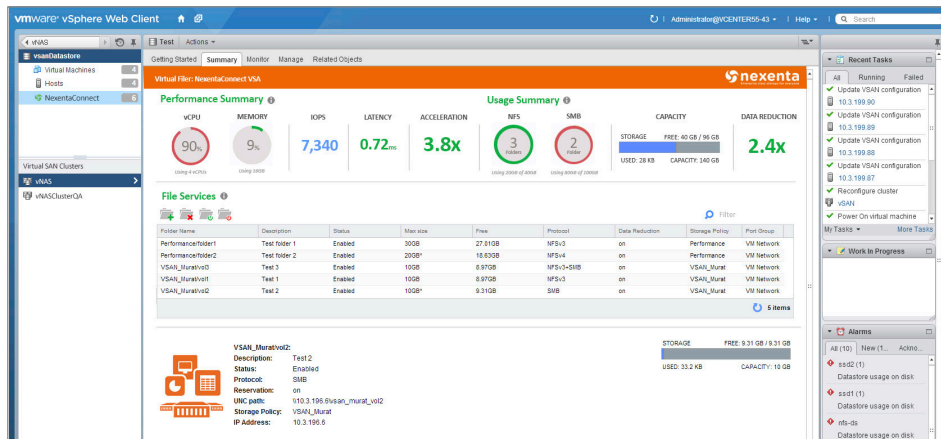
VMware Integration

- Quick to install and provisions file services (NFSv3, NFSv4, SMB) on Virtual SAN within minutes
- Complete management through the vSphere Web Client interface
- Runs seamlessly on Virtual SAN and is 100% compatible with VMware HA and DRS
- Security and Domain integration, AD with LDAP and Kerberos support
- Leverage Virtual SAN's data protection and availability

Use and Manageability

- Volume based thin provisioning
- Folder and volume level snapshots
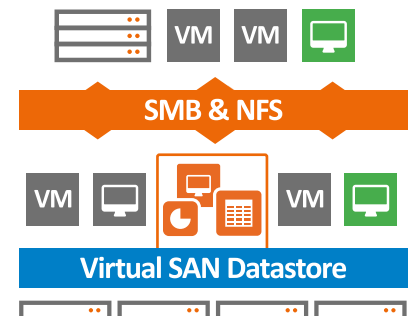- Remote site replication

Reporting and Analytics

- View volume based IOPS performance
- Show storage latency in real time
- Capacity reporting
- Data Reduction analysis

Key Benefits:

- Easily provision file services (NFSv3, NFSv4, SMB) on Virtual SAN within minutes
- Managed through VMware vSphere Web Client interface
- Proper IO path handling, improving Virtual SAN IO performance up to 10x
- Capacity saving using inline data reduction
- Performance and health monitoring
- Folder and volume level snapshots, replication and backup capabilities for DR scenarios
- Maintains data integrity during various stressful tasks, network/disk/host recovery
- Security and Domain integration, AD with AAA and Kerberos support
- 100% compatible with VMware HA and DRS
- Serviceable via Rest APIs

Nexenta develops, integrates and tests its software solutions with leading solutions providers including the below partners:

Nexenta Systems, Inc. 455 El Camino Real, Santa Clara, CA 95050
Toll free: + 1-855-639-3682 | EMEA: +31-36-3030700 | sales@nexenta.com
nexenta.com | facebook.com/nexenta | twitter.com/nexenta

20140820