

NexentaStor Datasheet

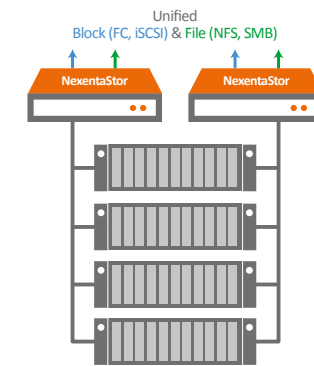
Simpler Than Ever, Full-featured, Unified Storage

NexentaStor includes integration abilities to provide management and simplified user interface to analyze and run your day to day storage practice. While its integrated management abilities and simplified user interface give you valuable, easy to read insights into your day-to-day storage needs.

Open-Source Drive SDS on Your Terms

NexentaStor has a proven track record of successful deployments across a diverse set of industries, helping thousands of enterprises, increase agility, flexibility, and performance while reducing total cost of ownership (TCO) by 50 percent or more.

By providing a scale up software-only storage solution which includes a rich feature set across your file and block needs, NexentaStor enables you to deliver a software-defined infrastructure to support your enterprise needs. Leveraging industry standard hardware on proven and tested reference architectures, NexentaStor optimizes everything from high performance all-flash, dense hybrid, and all-disk configurations.

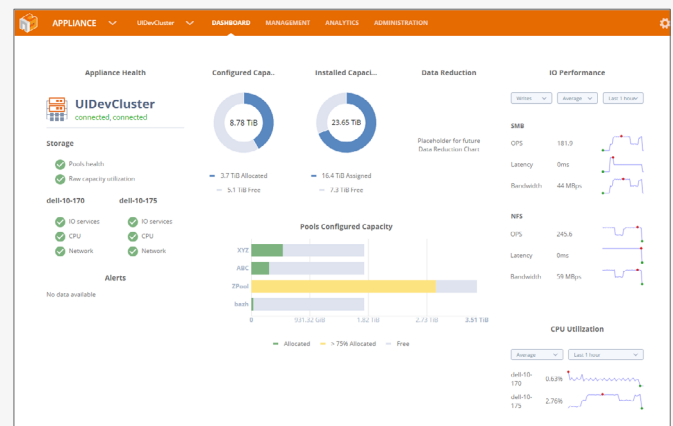


Reference Architectures Include:



Simpler than ever with NexentaFusion

NexentaStor in combination with NexentaFusion allows you to deploy, run, and scale. From getting set-up, to daily tasks, and checking the health of your storage environment, you are able to easily manage the needs of your business. Standard day-to-day tasks including deploying pools and creating a file system are easy to configure in a matter of minutes. NexentaFusion builds on the self-documenting RESTful API of NexentaStor 5.0 creating further integration into your existing infrastructure.

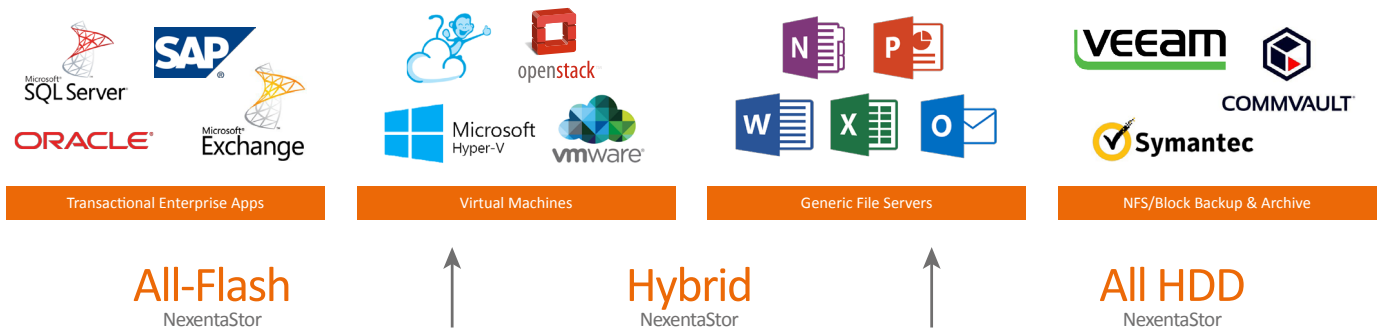


Name	Health	Alerts	Configured Capacity	Installed Capacity	Actions
smc-10-172 connected	✓		Configured 899.0 GiB Allocated 3.1 GiB Free 895.9 GiB	104.7 TiB	⚙️
smc-10-173 connected	✓		Configured 5.3 TiB Allocated 451.7 GiB Free 4.8 TiB	49.1 TiB	⚙️
UIDevCluster connected, connected	⚠️	1	Configured 8.8 TiB Allocated 3.7 TiB Free 5.1 TiB	23.7 TiB	⚙️

To learn more visit NexentaFusion product page
www.nexenta.com/nexentafusion

Supporting Today's Business Critical Applications

NexentaStor enables you to deliver a Software-Defined infrastructure to a wide range of applications, while giving you the freedom to choose the platform you want to run on. This award-winning file and block storage solution provides advanced all-flash, hybrid, and spinning disk reference architectures. Start by deploying NexentaStor to support your backup or disaster recovery need with dense 5PB+ configuration. Later add smaller capacity all-flash builds of NexentaStor for business critical use cases including databases or data processing applications. The flexibility of NexentaStor to be your comprehensive unified storage software for a wide range of needs allows IT organizations have the ability to be agile to support your business' growing storage needs.



No Compromise. And a fraction of traditional enterprise storage costs.

NexentaStor's Open-Source-Driven (OpenSDS) software offers the expected enterprise features including unlimited snapshots and clones, inline data reduction, and thin provisioning in our standard solution at a fraction of the cost. Being 100% software-based, Nexenta and NexentaStor allows customers to take advantage of innovation that is taking place by leading hardware partners and enables customers to break the high margin of legacy storage vendors and reduce costs by 50%+. To learn more about the key features of NexentaStor visit the chart below:

Protocols	File: NFS 3.1, NFS 4, SMB 2.1, SMB 3 Block: Fibre Channel, iSCSI
Data Management	All-Flash, Hybrid, All-Disk pools RAID 10, N+1, N+2, N+3 ZFS end to end data integrity Unlimited snapshots & clones Inline data reduction Thin provisioning Scheduled replication Continuous replication
Management	Self-documenting REST API, CLI, SNMP NexentaFusion
Client OS Support	VMware, Microsoft, OpenStack, Docker, CentOS, RHEL, Ubuntu, Solaris, AIX
Ecosystem Integration	VMware VAAI Block VMware Virtual Volume (VVOL) 2.0 VMware vCenter Plugin OpenStack Cinder & Manila Docker Volume Plugin
Optional Extensions	Active-Active High-Availability cluster Fibre Channel All-Flash pools Continuous replication

“The first thing we noticed when we tested the system was that it was built on ZFS which is incredibly powerful and has features built in that are hard to find anywhere else. NexentaStor is also very flexible and we can use it for a powerful high availability (HA) Cluster as well as a high-powered solution for ultimate speed that underpins the systems at the high performance computing department.”

Klaus Steinberger

Head of IT, European premier academic and research institute Ludwig-Maximilians University

Visit us online at nexenta.com

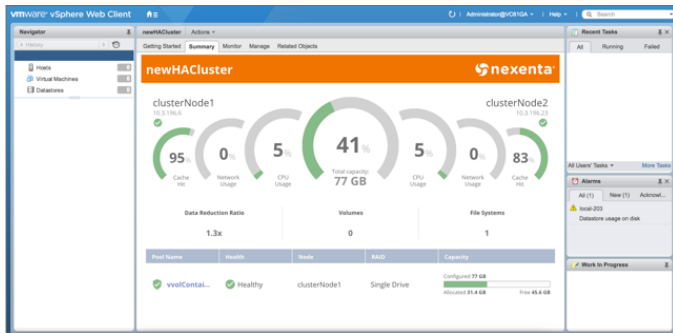
Seamless Integration with VMware, OpenStack, & Docker Platforms

With best in class VMware integration NexentaStor is designed with multi-tenant vCenter Plug-in and VMware Virtual Volume (VVOL) support. The vCenter Web Client Plugin simplifies VMware administrator day-to-day operational tasks by allowing customers to incrementally scale storage by adding datastores from within the vCenter interface, identify performance bottlenecks and review capacity utilization trends.

Integration with vCenter's role-based authentication mechanism provides an added level of segmentation and security options for multi-tenant solutions, branch offices and even departmental storage solutions. It is a perfect complement for NexentaStor 5.0 VMware Virtual Volume support, allowing all storage operations on NexentaStor to be performed with Virtual Machine granularity.

Advanced support for Docker via Docker volume driver and full support for OpenStack with OpenStack Cinder drivers for iSCSI and NFS for a broad set of OpenStack releases allows you to easily

snap in NexentaStor in use cases where you are looking to take advantage of innovation happening at the data center.



“We plan to build on this success by working with Nexenta to increase OpenStack integration and expand our business, offering our customers advanced features and great services, including expanding our datacenters into other countries.”

Hirokazu Shimabara
System Department, GMO Internet

Proven Success with Leading Companies

Nexenta is installed in thousands of companies across the world, serving a wide variety of workloads and business-critical situations. We power some of the world's largest cloud deployments, host some of the industry's best entertainment content, serve vast quantities of government data across multiple continents and ensure that hundreds of thousands of medical records are kept safe and available at the point of service for healthcare companies worldwide.



To begin your free trial today visit nexenta.com/products/downloads



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