

NexentaConnect for VMware Horizon Datasheet

Automation and Acceleration for Horizon VDI

Deployed as a software only solution, NexentaConnect for VMware Horizon features complete GUI-based Wizard-driven automation and powerful I/O acceleration for a full range of storage options.

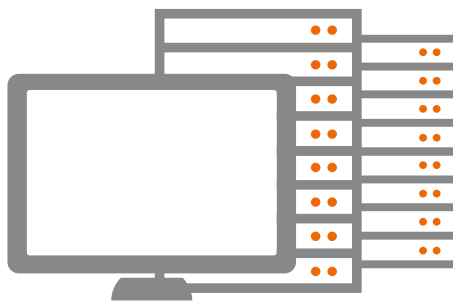
For I/O acceleration NexentaConnect leverages a combination of Nexenta's write logging, inline compression, deduplication and local flash storage (SSDs) to dramatically reduce read and write latency, thereby increasing responsiveness and providing an excellent user experience, while simultaneously increasing the productive density of virtual machines. NexentaConnect is a true SDS solution that achieves all of the above on any VMware compliant HCL and does not require any specific hardware. NexentaConnect for Horizon provides the ideal supplement for a Horizon infrastructure and supports the following use cases.

Non-Persistent Desktops

Call centers, manufacturing, and public spaces often utilize a singular image to support all users without the need for dedicated persistent desktop images. This solution can be built as a hyperconverged shared nothing architecture with NexentaConnect.

Persistent Desktops

If the need arises that user desktops must be maintained for long term, for instance in an engineering office, NexentaConnect can combine with any shared block storage platform to still provide the acceleration and automation that is needed to complete the Nexenta infrastructure.



Desktop
Acceleration



Improved
Density



Advanced
Analytics



Data
Reduction



Disaster
Recovery

NexentaConnect for VMware Horizon Features Overview

Functionality

- Wizard-driven integrated desktop and storage provisioning
- Allows customers to run 75% more virtual desktops on their compute infrastructure
- Delivers 10x faster end-user experience
- Support for internal hypervisor storage in a hyperconverged solution
- Utilizes existing storage for accelerated desktop deployments

Reporting and Analytics

- Real-time desktop bandwidth and throughput reporting
- Ad-hoc and scheduled analysis of full desktop pools
- Analysis of full virtual infrastructure from hypervisor to storage to desktop pools

Performance Validation

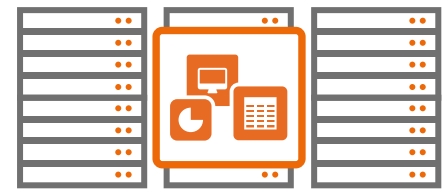
- Integrated performance testing of auto provisioned storage
- Desktop benchmarking in multiple read and write ratios
- Storage calibration

Key Benefits:

- Ease of use
- Fast and automated deployments
- I/O acceleration on any hardware
- Increased density of virtual desktops
- Multiple storage options from hyperconverged to shared storage
- I/O acceleration using NexentaStor™ hybrid storage technology
- Seamless integration with VMware Horizon
- Built-in automated benchmarks
- Capacity savings via compression and inline deduplication
- Ability to migrate existing Horizon desktop pools



Accelerated Storage



Horizon

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



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