

NexentaConnect for Citrix XenDesktop Datasheet

Software-Defined Storage Acceleration and Analytics for Citrix XenDesktop

Deployed as a software only solution, NexentaConnect for Citrix XenDesktop cost effectively delivers high performance virtual desktops and powerful desktop level storage analytics. Improve end-user experience, increase desktop density and gain deeper visibility in your Citrix XenDesktop MCS deployments.

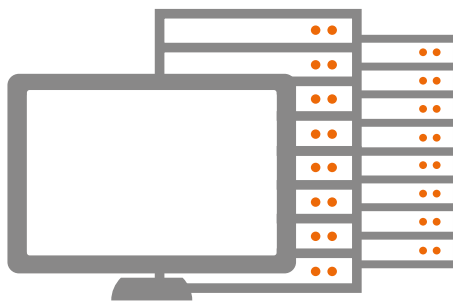
NexentaConnect builds on Nexenta core storage optimization technologies including write logging, inline data reduction, and efficient data caching to dramatically reduce read and write latency, significantly improving the end user experience. By optimizing ESXi host resource utilization, NexentaConnect also delivers higher virtual desktop density. As a Software-Defined Storage solution, NexentaConnect can be simply deployed on any VMware vSphere infrastructure and optimizes virtual desktops on either SAN-based or local datastores. NexentaConnect provides the ideal supplement for a Citrix XenDesktop MCS 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 hyper-converged shared nothing architecture with NexentaConnect.

Persistent Desktops

If the need arises that user desktops must be maintained for long term use – for instance in an engineering office – NexentaConnect can be deployed on shared block storage datastores, accelerating and offloading the backend storage arrays, while delivering desktop level performance analytics and optimized end-user experience.



Desktop Acceleration



Improved Density



Advanced Analytics



Data Reduction



Lower TCO

NexentaConnect for Citrix XenDesktop Features Overview

Functionality

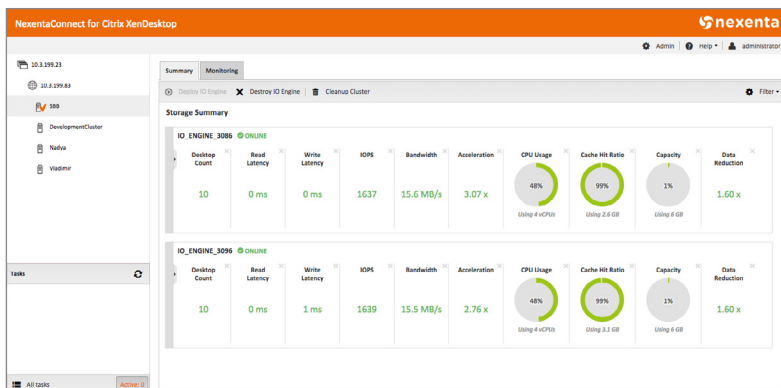
- Wizard-driven storage provisioning
- Allows customers to run 75% more virtual desktops on their compute infrastructure
- Delivers 10x faster end-user experience
- Support for internal hypervisor storage in a hyper-converged solution
- Utilizes existing storage for accelerated desktop deployments
- Capacity savings via inline data reduction

Reporting and Analytics

- Real-time storage throughput and latency reporting
- Per Desktop bandwidth, I/O, and latency analysis
- Capacity and usage data per I/O engine with integrated desktop count

Performance Validation

- Real-time storage acceleration metrics
- Per I/O Engine data reduction statistics

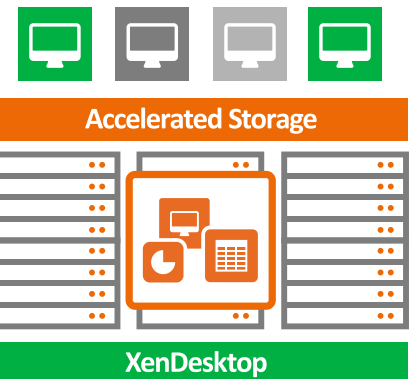


Key Benefits:

- Ease of use
- Fast and automated deployments
- I/O acceleration on any hardware
- Increased density of virtual desktops
- Multiple storage options from hyper-converged to shared SAN storage
- I/O acceleration using NexentaStor™ hybrid storage technology
- Seamless integration with Citrix XenDesktop Machine Creation Services
- Built-in storage analytics
- Capacity savings via compression

Supported Versions:

- Citrix XenDesktop 7.5 or newer with MCS
- VMware vSphere 5.5 Standard, Enterprise, or Enterprise Plus
- VMware vCenter Standard



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



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