

ZeroStack & Nexenta

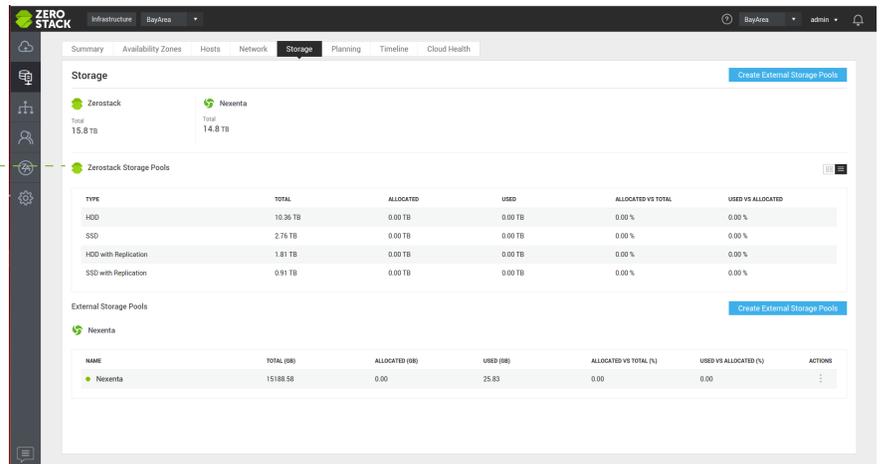
ZeroStack + Nexenta: Enterprise-grade Private Cloud ready for production



Introduction

ZeroStack has teamed up with Nexenta to create a fully integrated private cloud solution that dramatically reduces cloud operations and storage costs for enterprise and cloud workloads. With ZeroStack's Intelligent Cloud Platform and Nexenta's data integrity and scale, enterprises get a pre-tested, integrated, and fully-supported private cloud solution delivering the following joint value proposition:

Cloud users can leverage NexentaStor™, their industry-leading unified file and block storage solution, simply by creating VMs with the appropriate NexentaStor™ pool type. Storage Administrators can continue to use Nexenta's Admin Console to monitor storage capacity and performance while leveraging the ZeroStack console to configure storage pools for cloud users.



Rapid deployment accelerates time to value	All customers have to do is plug-in NexentaStor™ to ZeroStack's Intelligent Cloud Platform and they can immediately get the fastest and the most reliable access to the data in the cloud.
Pre Tested & Integrated	<p>The pre-integration and testing means that cloud users have access to enterprise features to confidently deploy workloads into production.</p> <ul style="list-style-type: none"> • Dramatic data center footprint reduction as both ZeroStack and Nexenta can run on converged infrastructure which allows dense compute, flash, and disk media to be used without compromise. • Snapshots, clones and restores can be performed directly from the ZeroStack platform by leveraging the instantaneous snapshots/clone capabilities of the underlying Nexenta storage. • Replication across sites enables volumes to be created on one Nexenta platform through ZeroStack and then replicated on a second remote device by Nexenta when the remote Nexenta device is added as external storage to remote ZeroStack
Migration	Applications and data from VMWare or AWS can be migrated to the ZeroStack+Nexenta environments with built-in automated migration capabilities.
Leverage Existing Assets	Enterprises can now leverage their existing investments in Nexenta and standard servers to build a highly resilient and high performance cloud for running packaged enterprise applications, application development and hosting.

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Use Cases

The joint solution is best suited for the following:

Cloud for enterprise workloads, packaged applications, databases	Self-service application development environment for Engineering teams	Remote-office, branch office set up with centralized management
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Benefits of Converged Infrastructure for Private Cloud

Accelerate Time to Value	<ul style="list-style-type: none"> • Less than 30 minutes to installation • 100% Self-service SaaS-based user portal with integrated service catalog for ongoing application provisioning and deployment
Reduce CapEx	<ul style="list-style-type: none"> • Lower cost and complexity compared to VMware-based deployments • Lower cost, higher performance and control compared to public cloud (e.g. AWS) • Run on commodity x86 servers and Nexenta Storage
Reduce OpEx	<ul style="list-style-type: none"> • Zero ongoing infrastructure administration and management using innovations in machine learning and Artificial Intelligence. Z-Brain brings end-to-end performance analytics platform, eliminates the visibility gaps between applications and hardware, providing both bottom-up and top-down visibility, transforming silos of data into actionable intelligence and reducing management and operational costs. • Eliminate silos and satisfy different application requirements with a pre-configured rack-converged platform
Eliminate risk	<ul style="list-style-type: none"> • Carefully pre-designed, pre-tested, supported solution versus solutions cobbled together on the fly • Real-time proactive monitoring and troubleshooting with AI-machine learning and Big Data analytics built into ZeroStack's Z-Brain. • Zero vendor lock-in with future proof, open standards based cloud solution and open source-driven storage solution from Nexenta. • Scale-as-you-grow eliminates financial risk



About Nexenta Storage

Nexenta offers customers enterprise grade, multi-protocol scale-up and scale-out storage software solutions that are flexible, scalable and cost effective. Nexenta delivers solutions ranging from high performance all-flash storage to economical all-disk archives for customers shifting workloads to the cloud. To learn more visit, www.nexenta.com



About ZeroStack

ZeroStack Intelligent Cloud Platform is a fully integrated cloud solution that delivers the simplicity and agility of a public cloud along with the performance and control of a private cloud at a fraction of the cost.