



# DATA SHEET

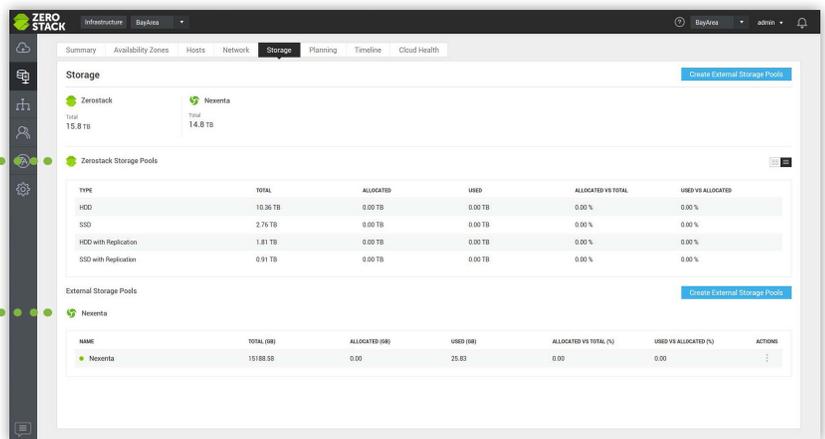
## ZeroStack & Nexenta: Enterprise-grade Private Cloud Ready for Production

### 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 NexentaStore™ 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™ storage capabilities simply by creating VMs with the appropriate NexentaStor™ pool type.

Storage Administrators can continue to use the 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 their existing NexentaStor™ to ZeroStack’s Intelligent Cloud Platform and they can immediately get the fastest and the most reliable access to the data

**Pre Tested & Integrated. Features integrated into the joint solution include:**

- The pre-integration and testing means that cloud users have access to enterprise features to confidently deploy workloads into production
- 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 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 devices, those volumes can be accessed as well by ZeroStack as well

**Migration**

Applications and data from VMWare or AWS can be migrated to the ZeroStack+Nexenta environments with built-in automated migration capability

**Leverage Existing Assets**

Enterprises can now leverage their existing investments in Nexenta and standard servers to build a highly resilient and high performing cloud for running packaged enterprise applications, application development and hosting



# 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**

## Benefits of Converged Infrastructure for Private Cloud

<b>Accelerate Time to Value</b>	<ul style="list-style-type: none"> <li>• Less than 30 minutes to installation</li> <li>• 100% Self-service SaaS-based user portal with integrated service catalog for ongoing application provisioning and deployment</li> </ul>
<b>Reduce CapEx</b>	<ul style="list-style-type: none"> <li>• Lower cost and complexity compared to VMware-based deployments</li> <li>• Lower cost, higher performance and control compared to public cloud (e.g. AWS)</li> <li>• Run on commodity x86 servers and Nexenta Storage</li> </ul>
<b>Reduce OpEx</b>	<ul style="list-style-type: none"> <li>• 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</li> <li>• Eliminate silos and satisfy different application requirements with pre-configured rack-converged platform</li> </ul>
<b>Eliminate risk</b>	<ul style="list-style-type: none"> <li>• Carefully pre-designed, pre-tested, supported solution versus solutions cobbled together on the fly</li> <li>• Real-time proactive monitoring and troubleshooting with AI-machine learning and Big Data analytics built into ZeroStack's Z-Brain</li> <li>• Zero vendor lock-in with future proof, open standards based cloud solution and open source software driven storage solution from NexentaScale-as-you-grow eliminates financial risk</li> </ul>



### About Nexenta Storage

Nexenta is the global leader in Open Source-driven Software-Defined Storage (OpenSDS). Nexenta enables everyday apps; from the Internet of Things to Big Data; from OpenStack to CloudStack – and all types of Clouds – Private, Public, and Hybrid.



### 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.