PRODUCT BRIEF

FAST FACTS

Company:
Nexenta Systems

Contact:
redhat@nexenta.com

Website:
www.nexenta.com

Company Description

Nexenta is the original market maker and leader in Open Software-Defined Storage (OpenSDS) market for multi-cloud enterprise environments; with 300 partners, 50 patents, and more than 2,000 petabytes of storage capacity under management. Nexenta uniquely integrates its hardware-agnostic software-only OpenSDS innovation with deep "open source" collaboration via some of the most active communities with thousands of members worldwide. Nexenta flexibly enables a wide variety of legacy, enterprise and next-gen cloud-native apps, on any cloud platform, protocol and hardware infrastructure to power the most cost/performant cloud and traditional data centers. Nexenta portfolio is 100% software-based that can be used as a "Bare-Metal Appliance" on a partner hardware, as a "Virtual Storage Appliance (VSA)" on a partner virtual machine or container, or as a cloud-based "Software as a Service (SAAS)." Nexenta provides enterprises with total freedom and flexibility via its industry-leading multi-cloud software innovation, multi-channel collaboration, distribution and enterprise-class support, 24x7x365, globally.

Product Profile

NexentaStor delivers full-featured SDS for enterprise applications and can scale from terabytes to petabytes.

NexentaStor can be deployed on bare metal hardware to replace legacy all-flash, hybrid and all-disk storage appliances, or in virtual machines on private cloud to add enterprise grade file services to SANs and hyper-converged infrastructure.

Overview

Nexenta's storage software provides the functionality, flexibility and performance that enterprises' need at a lower TCO, delivering greater value that your datacenter needs.

Executive Summary

Nexenta is a member of the Red Hat Connect for Technology Partner program Nexenta has worked with Red Hat to achieve Red Hat OpenStack certification demonstrating NexentaStor as a full software defined storage solution providing both block and file storage through compatible integration through Cinder and Manila. In addition, NexentaStor provides persistent storage for cloud native applications running on container environments through a volume plug-in and support for Kubernetes Container Storage Interface (CSI)

All NexentaStor implementations can be centralized configured, monitored and managed through one single-pane of glass through NexentaFusion.

Statement from Partner

"We continue to grow our collaboration with Red Hat to deliver our enterprise customers more innovation for their OpenStack clouds. With the most recent certification of NexentaStor and Red Hat OpenStack Platform we continue to offer a set of best-of-breed storage solutions for Cinder and Manila by adding new features around disaster recovery, high-availability, and SMB support," said Ricardo Antuna, Vice President, Business Development at Nexenta.

Statement from Red Hat Connect

"Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner." said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. *"Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Sensu, Inc., resulting in the world's largest open, and commercially supportable application ecosystem."*

Product Benefits

With Red Hat and Nexenta Software Defined Storage Solution you will bring to your enterprise:

- Open-Source Driven SDS on Your Terms: Complete flexibility to run bare metal, virtualized on existing infrastructure, and in a public or multi cloud environment

- Simplified management built on self-documenting REST APIs to allow deploy, run, and scale

- No compromise full-featured enterprise storage

- Seamless Integration with Red Hat OpenStack Platform, Containers, and Virtual Platforms to support your ever-changing datacenter environment.

Use Cases

Lightbend Reactive Platform is used in a diverse set of use cases across many industries as enterprises look to leverage the large amount of data in their ecosystems to improve business outcomes.

Examples include:

- **Flash for Any Workload:** Harness the power of high performance & low latency storage and move more workloads to flash with SDS

- **Enterprise File Services:** True enterprise class protocols proven in complex enterprise AD infrastructure, with unlimited file size, scalability, and performance

- **Virtual Workloads:** Integrated for OpenStack and VMware environments

- **Backup & Archive:** From 10's of terabytes to multi-petabyte deployments. Highly durable with rich data integrity to protect critical information. Certified with Commvault, Veeam, NetBackup, and others

- **Containerized Environments:** Rethink your application infrastructure with software-defined container converged solutions

Learn More About Nexenta & Red Hat Partnership:
https://nexenta.com/partners/software-redhat

Read more about the Red Hat OpenStack Platform certification for NexentaStor: https://access.redhat.com/ecosystem/software/3064091

Download Enterprise Trial: https://nexenta.com/downloads

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