NexentaStor 5.2.0-FP1
Release Notes

Date: January, 2019
Part Number: ns-5.2.0-FP1-releasenotes-RevA
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Revision History

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<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ns-5.2.0-releasenotes-RevA</td>
<td>November, 2018</td>
<td>5.2.0 GA version</td>
</tr>
<tr>
<td>ns-5.2.0-FP1-releasenotes-RevA</td>
<td>January, 2019</td>
<td>5.2.0-FP1 version</td>
</tr>
</tbody>
</table>
NexentaStor 5.2.0-FP1

NexentaStor 5.2.0-FP1 is a roll-up of fixes and minor enhancements related to issues reported by customers.

Known Issues

Known issues for NexentaStor 5.2.0-FP1 are identical to the known issues in NexentaStor 5.2.0 with the exception of two tickets, NEX-19152 and NEX-18878, addressed below in the resolved issues table.

Resolved Issues

Table 1: NexentaStor 5.2.0-FP1 Resolved Issues

<table>
<thead>
<tr>
<th>Component</th>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform</td>
<td>ZFS</td>
<td>Resolved an issue where multiple users with unique userIDs and a group with ID that matches a userID may allow members of the group to access files that the Group does not have permissions for.</td>
</tr>
<tr>
<td>Platform</td>
<td>SMB</td>
<td>Resolved an issue where macOS High Sierra/Mojave Finder could crash when attempting to preview a previously edited file (e.g., with TextEdit).</td>
</tr>
<tr>
<td>Platform</td>
<td>iSCSI</td>
<td>Resolved issue triggered by a race condition where in some instances and configurations when using iSCSI or FC, when 2 threads were adjusting a counter at the same time (stmf_worker_sel_counter is greater than stmf_nworkers causing an invalid worker to be chosen) can panic system. A mutex was added to protect stmf_worker_sel_counter.</td>
</tr>
</tbody>
</table>

Resolved Security Vulnerability

Table 2: NexentaStor 5.2.0-FP1 Resolved Security Vulnerability

<table>
<thead>
<tr>
<th>Component</th>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security</td>
<td>NEX-19201</td>
<td>Updated openssl to 1.0.2q addressing CVE-2018-5407 CVE-2018-0734</td>
</tr>
</tbody>
</table>

Installation and Upgrade Procedures

Follow the instructions in *NexentaStor 5.2 Installation Guide* to install and upgrade NexentaStor and *NexentaFusion 1.2 Installation Guide* to install and upgrade NexentaFusion.

NexentaFusion must be upgraded prior to upgrading NexentaStor.

Note:
- NexentaStor 5.2.0-FP1 can be upgraded from 5.0.3-FP1 and later.
- Upgrade from 4.0.x to 5.x is NOT supported.
- NexentaStor 5.2.0-FP1 requires NexentaFusion 1.2.1 or higher.
Where to Find More Information

For additional information, refer to the documents listed here that are posted at https://nexenta.com/products/documentation.

**NexentaStor Product Guide**
This document includes an overview of NexentaStor and its core components, describes key features, and provides relevant CLI commands. This manual is intended as a guide to NexentaStor concepts and not as a configuration guide.

**NexentaStor 5.x Hardware Certification List (HCL)**
This document provides a list of certified hardware for NexentaStor 5.x and is intended for Nexenta Partners and Nexenta customer-facing organizations. The latest version of Nexenta Hardware Certification List (HCL) is posted on Partner Portal.

**NexentaStor 5.2 Installation Guide - RevA**
This document includes the instructions to install and upgrade NexentaStor.

**NexentaStor 5.2 CLI Configuration Guide - RevA**
This guide demonstrates the basic steps and commands to configure and manage NexentaStor 5.2 appliances. Use this document in conjunction with the **NexentaStor 5.2 CLI Reference Guide**, and the **NexentaStor 5.2 HA CLI Admin Guide**.

**NexentaStor 5.2 CLI Reference Guide - RevA**
This reference guide provides a summary of the CLI commands. Use it in conjunction with the **NexentaStor 5.2 CLI Configuration Guide**.

**NexentaStor 5.2 HA CLI Configuration Guide - RevA**
This guide demonstrates the basic steps and commands to configure and manage the NexentaStor 5.2 High Availability (HA) cluster using the NexentaStor 5.2 Command Line Interface (CLI).

**NexentaStor 5.2 vCenter Plugin QuickStart - RevA**
This guide includes instructions to install NexentaStor 5.2 vCenter Web Client Plugin (vCenter Plugin), which enables VMware customers to configure and manage storage and virtualization through a single interface. You can use this plugin to access summary and detailed analytics and real time status monitoring of single and clustered NexentaStor appliances.

**NexentaStor 5.2 VVOL Admin Guide - RevA**
This guide describes the NexentaStor Virtual Volume (VVOL) solution. It provides instructions on how to deploy VVOL, integrate it with VMware vSphere, and enumerates storage operations it supports.

**NexentaStor 5.2 High Performance Replication (HPR) User Guide - RevA**
This document demonstrates how to configure High Performance Replication (HPR) to replicate datasets using the NexentaStor Command Line Interface (CLI) and using the NexentaFusion GUI. For details on the list, see portal.nexenta.com.

**NexentaFusion 1.2 Installation Guide - RevB**
This document includes the instructions to install and upgrade NexentaFusion.

**NexentaFusion 1.2 User Guide - RevB**
This documentation provides easy to follow step-by-step instructions for common configuration and monitoring tasks.