

Hitachi Storage Adapter for VAAI-NAS version 1.3 Release Notes

This document provides late-breaking information about Hitachi Storage Adapter for VAAI-NAS plugin, as well as a list of any known issues and solutions.

The Hitachi Storage Adapter for VAAI-NAS plugin provides storage-offload services for VMware vSphere® and VMware® vCenter™ environments. Using the plugin requires Hitachi NAS Platforms running Hitachi NAS OS 11.2, or later, with a valid File Clone license.

The latest plugin is available for download from the Hitachi Support Portal (<https://support.hds.com/>).

Intended audience

This document is intended for Hitachi Data Systems field and support personnel, customers, and authorized service partners.

Additions or changes

If you believe additions or changes are needed for these release notes, send an email to HNAS Doc Input: HNAS_Doc_Input@hds.com.

Getting help

If you have any difficulties installing or configuring your software, please call HDS Technical Support:

North America: **1-800-446-0744**

Outside North America: **1-858-547-4526**

Hitachi Data Systems

2845 Lafayette Street
Santa Clara, California 95050-2627
<https://support.hds.com/>

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Document history

The following changes have been made to this document.

Revision	Description
RN-92HNAS034-00	Initial publication.
RN-92HNAS034-01	Revised for version 1.3-44 to add VMware vSphere 6 support, add Hitachi NAS Platform 4000 series server support, and announce defect resolution.
RN-92HNAS034-02	Added a new defect resolution.

New feature summary

VMware vSphere 6 support—The Hitachi Storage Adapter for VAAI-NAS plugin now supports version 6 of the VMware vSphere® and VMware® vCenter™ Server products.

Requirements

The following requirements must be met to install the Hitachi Storage Adapter for VAAI-NAS plugin software:

- Hitachi NAS Platform 3080 G1 and G2, NAS Platform 3090 G1 and G2 servers, or NAS Platform 4000 series servers; running NAS OS 11.2 or later, with a valid File Clone license.
- VMware ESX/ESXi server 5.x or later

Fixes and known issues

Item	Description/Solution
Hitachi Storage Adapter for VAAI-NAS adapter does not perform a native HNAS file clone when attempting to clone a VM to a different VMware NFS datastore (2957)	<p>The adapter is updated as follows: if you attempt to clone a VM across datastores, the adapter, anticipating that both datastores are on the same filesystem, first attempts to try an HNAS clone. If this fails, the adaptor defaults back to the normal NFS copy between datastores.</p> <p>The only indication of this issue is a message in the VAAI log. The message indicates a cross-datastore file clone operation was attempted and did not succeed. This is not an error, only an indication that the operation was attempted.</p> <p>This functionality is only available when using HNAS 12.3 or later.</p>
Incorrect values reported for Not-shared Storage and Used Storage fields of Thin Provision virtual machine that has an HNAS Clone present (927)	<p>This issue occurs due to a problem in VMware software. VMware IDs: 1178888, 1174576, 932484, 1425458, 1326727, and 1446166.</p> <p>VMware has resolved this issue in their latest ESXi and vCenter releases. The following versions of VMware are required in order to get this fix:</p> <ul style="list-style-type: none"> • VMware ESXi 5.5 U3 or 6.0 U1 • VMware vCenter 5.5 U3 or 6.0 U1 <p>Note: You must update ALL of the software components listed above to one of the versions specified to get the full fix.</p> <p>A new version of Hitachi Storage Adapter for VAAI-NAS is <i>not</i> required to take advantage of this fix. After you update the required VMware software, the correct values are reported.</p>
Unable to install HNAS-VAAI onto ESXi 6.x using VMware Update Manager.	HNAS-VAAI can now be installed onto ESXi 6.x using VMware Update Manager.

Documentation

Related documents

Hitachi NAS vSphere APIs for Array Integration Installation Guide (MK-92HNAS029-01)

The Hitachi Data Systems Support Portal (<https://support.hds.com/>) also contains the most up-to-date documents and troubleshooting information for this product release.

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