



Release Notes

HCI

NetApp
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Release Notes

What's new in NetApp HCI

NetApp periodically updates NetApp HCI to bring you new features, enhancements, and bug fixes. NetApp HCI 1.9P1 includes NetApp Element software 12.3.1 for storage clusters.



Element 12.3.2 contains the mitigation that closes the Element software exposure to the Apache Log4j vulnerability. NetApp SolidFire storage clusters with the Virtual Volumes (VVols) feature enabled are exposed to this vulnerability.

If your storage cluster is at Element 12.3.1 and the VVols feature is enabled, you should upgrade to Element software 12.3.2.

If your storage cluster is at Element 12.3.1 and the VVols feature is disabled, upgrading to Element software 12.3.2 is optional.

NetApp does not recommend running mixed Element versions in a cluster, except for the duration of the upgrade.

- The [NetApp HCI 1.9P1](#) section describes new features and updates in NetApp HCI version 1.9P1.
- The [Element 12.3.1](#) section describes new features and updates in NetApp Element 12.3.1.

NetApp HCI 1.9P1

NetApp HCI 1.9P1 includes security and stability improvements.

Element 12.3.1

NetApp HCI 1.9P1 includes Element 12.3.1 for storage clusters.

Storage Firmware Bundle 2.99.2

The Element 12.3.1 release includes the storage firmware bundle version 2.99.2. If your storage cluster is already at Element 12.3, you have the option to simply install the new 2.99.2 firmware bundle.

NetApp Bugs Online contains known and resolved issues

Known and resolved issues are listed in the NetApp Bugs Online tool. You can browse these issues for Element and other products at [NetApp Bugs Online](#).

Steps

1. Go to [NetApp Bugs Online](#).
2. In the **Search by Keyword** field, type in the product name, for example, "Element".
- 3.

Select the  , select the **Fixed in Versions** filter, and select **OK**.

Manage Columns

<input checked="" type="checkbox"/>	Fav
<input type="checkbox"/>	Notes
<input checked="" type="checkbox"/>	Title
<input type="checkbox"/>	Summary
<input checked="" type="checkbox"/>	Severity
<input checked="" type="checkbox"/>	Fixed In Versions
<input checked="" type="checkbox"/>	Found In Versions
<input type="checkbox"/>	Workaround
<input type="checkbox"/>	Product ID
<input checked="" type="checkbox"/>	Bug ID
<input type="checkbox"/>	Bug Title
<input type="checkbox"/>	Internal Code Names
<input type="checkbox"/>	Internal Workarounds

Cancel

4. Select **New Search**.
5. Type the release version in the **Fixed in Versions** field.

Find more information

- [NetApp Hybrid Cloud Control and Management Services Release Notes](#)
- [NetApp Element Plug-in for vCenter Server](#)
- [NetApp HCI Resources page](#)
- [SolidFire and Element Software Documentation](#)
- [Supported firmware and ESXi driver versions for NetApp HCI and firmware versions for NetApp HCI storage nodes](#)

Additional release information

You can find links to the latest and earlier release notes for various components of the NetApp HCI and Element storage environment.



You will be prompted to log in using your NetApp Support Site credentials.

NetApp HCI

- [NetApp HCI 1.9P1 Release Notes](#)
- [NetApp HCI 1.9 Release Notes](#)
- [NetApp HCI 1.8P1 Release Notes](#)
- [NetApp HCI 1.8 Release Notes](#)
- [NetApp HCI 1.7P1 Release Notes](#)

NetApp Element software

- [NetApp Element Software 12.3.2 Release Notes](#)
- [NetApp Element Software 12.3.1 Release Notes](#)
- [NetApp Element Software 12.3 Release Notes](#)
- [NetApp Element Software 12.2.1 Release Notes](#)
- [NetApp Element Software 12.2 Release Notes](#)
- [NetApp Element Software 12.0.1 Release Notes](#)
- [NetApp Element Software 12.0 Release Notes](#)
- [NetApp Element Software 11.8 Release Notes](#)
- [NetApp Element Software 11.7 Release Notes](#)
- [NetApp Element Software 11.5.1 Release Notes](#)
- [NetApp Element Software 11.3P1 Release Notes](#)

Management services

- [Management Services Release Notes](#)

NetApp Element Plug-in for vCenter Server

- [vCenter Plug-in 5.1 Release Notes](#) *NEW*
- [vCenter Plug-in 5.0 Release Notes](#)
- [vCenter Plug-in 4.10 Release Notes](#)
- [vCenter Plug-in 4.9 Release Notes](#)
- [vCenter Plug-in 4.8 Release Notes](#)
- [vCenter Plug-in 4.7 Release Notes](#)
- [vCenter Plug-in 4.6 Release Notes](#)
- [vCenter Plug-in 4.5 Release Notes](#)
- [vCenter Plug-in 4.4 Release Notes](#)
- [vCenter Plug-in 4.3 Release Notes](#)

Compute firmware

- [Compute Firmware Bundle 2.146 Release Notes](#)

- [Compute Firmware Bundle 2.76 Release Notes](#)
- [Compute Firmware Bundle 2.27 Release Notes](#)
- [Compute Firmware Bundle 12.2.109 Release Notes](#)
- [Supported firmware and ESXi driver versions](#) *NEW*

Storage firmware

- [Storage Firmware Bundle 2.146 Release Notes](#)
- [Storage Firmware Bundle 2.99.2 Release Notes](#)
- [Storage Firmware Bundle 2.76 Release Notes](#)
- [Storage Firmware Bundle 2.27 Release Notes](#)
- [H610S BMC 3.84.07 Release Notes](#)
- [Supported firmware and ESXi driver versions](#) *NEW*

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