



## 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 Element 12.3.1 for storage clusters.

- 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](#).

### 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](#)
- [Firmware and driver versions for NetApp HCI and NetApp Element software](#)

## 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](#) *NEW*
- [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 12.3.1 Release Notes](#) *NEW*
- [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 11.8.1 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 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 2.76.10 Release Notes \(latest\)](#)
- [Compute Firmware Bundle 2.76 Release Notes](#)
- [Compute Firmware Bundle 2.27 Release Notes](#)
- [Compute Firmware Bundle 12.2.109 Release Notes](#)

## Storage firmware

- [Storage Firmware Bundle 2.99.2 Release Notes \(latest\)](#)
- [Storage Firmware Bundle 2.76 Release Notes](#)
- [Storage Firmware Bundle 2.27 Release Notes](#)
- [H610S BMC 3.84.07 Release Notes](#)

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