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Enterprise**

HPE Synergy Image Streamer 4.00.06 Update Release Notes

Abstract

This release notes document describes changes in HPE Synergy Image Streamer software to help administrators understand the benefits of obtaining the 4.00.06 software update. This document is intended for administrators who perform OS deployments on HPE Synergy servers using Image Streamer.

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Release description and installation instructions

Introduction

This release note is intended as a supplemental document to the HPE Synergy Image Streamer 4.0 Release Notes that is available on the [Hewlett Packard Enterprise Information Library](#).

This document provides release information for HPE Synergy Image Streamer version 4.00.06.

Version compatibility with HPE OneView

Image Streamer version 4.00.06 requires HPE OneView version 4.00.09.

Intended audience	Related Information
All users	Changes and Fixes delivered in HPE Synergy Image Streamer version 4.00.06 on page 4 Documentation and troubleshooting resources for HPE Synergy on page 10
Users who are installing a new appliance	Installation instructions on page 7
Users who are updating from an earlier version of Image Streamer appliance	Update Path on page 6

NOTE: The release notes file embedded with the release distribution file might not include changes that were added after the update kit was created. The latest versions of release notes are always available at the [Hewlett Packard Enterprise Information Library](#).

Changes and Fixes delivered in HPE Synergy Image Streamer version 4.00.06

- Certificate management in Image Streamer Deployment Groups page is broken
While creating the Image Streamer appliance self-signed certificate, HPE OneView loses communication with Image Streamer after the restart of Image Streamer appliance.
This issue is fixed in the 4.00.06 release of Image Streamer.
- Custom attributes in Deployment Plans are displayed in random order
When an OS build plan is selected in a deployment plan or the deployment plan is edited, custom attributes are shown in random order instead of alphabetical order and makes it inconvenient to modify the custom attributes.
This issue is fixed in the 4.00.06 release of Image Streamer.
- Deployment Group certificate management actions display "Unable to locate the item you requested error"

From the **OS Deployment servers** page, when you navigate to Image Streamer through **Deployment appliance** link under **Management Settings** and then go to **Deployment groups** page, following links under **Actions** leads to a page showing the Unable to locate the item you requested error:

Create appliance self-signed certificate

Create appliance certificate signing request

Import appliance certificate

This issue is fixed in the 4.00.06 release of Image Streamer.

- Custom attribute values in Deployment Plan are not validated, if constraints are modified in the in-used Build Plan

When custom attribute constraints are modified in an in-use build plan, the corresponding values in deployment plan are not validated against the modified constraints.

This issue is fixed in the 4.00.06 release of Image Streamer. If the value in deployment plan is not as per modified constraint in build plan, then, the build plan default value is populated to Deployment Plan, else remains unchanged.

- Logical Enclosure creation tried on a Secondary pair results in a failure due to IPv4 conflict

When Logical Enclosure create is initiated on the secondary pair of Image Streamer appliances it fails due to conflict in IP addresses and does not clearly mention the reason for failure.

This issue is fixed in 4.00.06 release of Image Streamer.

- Failed to replace quorum on the enclosure for the storage system

When a request to re-create the Quorum fails, an alert appears as failed to replace quorum on the enclosure for the storage system. During this time if a failover occurs for Image Streamer OS Volumes I/O stops due to non-availability of Quorum.

This issue is fixed in the 4.00.06 release of Image Streamer.

- OS volumes cannot be created if locale is not English

OS Volume creation fails in non-English locale while personalizing the OS Volume.

This issue is fixed in the 4.00.06 release of Image Streamer.

- Adding an artifact bundle which is having more than 1GB shows error

Adding an artifact bundle having more than 1GB results into timeout request error in the Image Streamer user interface. This issue occurs when request takes more time than specified timeout.

The issue is fixed in the 4.00.06 release of image streamer.

- Backup bundle creation is creating a file of size zero bytes, when the Image Streamer appliance is having empty Deployment Plan

If the Image Streamer appliance is having any Deployment Plan that is not attached with any golden image, then the backup bundle is creating a file size of zero bytes.

The issue is fixed in the 4.00.06 release of Image Streamer.

Known issues and limitations

Any authorized user of OneView can perform Image Streamer restore operation through REST API call

Symptom

If you are a valid user of OneView and you perform a restore operation of Image Streamer using the REST API calls, it does not restrict you to perform the restore operation although you are an unauthorized user.

Action

Use Image Streamer user interface to perform restore operation as an authorised user.

Removal of Secondary LE of Image Streamer results in a critical Alert in Deployment Appliance and OSDS Page

Symptom

When in a multi Enclosure setup which has both Primary and Secondary LE running, if the secondary LE is deleted a critical alert is shown on the Primary LE Deployment Appliance and OSDS page.

Action

Manually clear the alert or ignore.

Update Path

Prerequisites

- You must update to Image Streamer version 4.00.06 from Image Streamer version 4.00.
- Image Streamer version 4.00.06 requires HPE OneView version 4.00.09.
- You must log in as an Infrastructure administrator to update an appliance.
- Download the update file of .bin format for Image Streamer version 4.00.06.
- Ensure that you have a backup of the appliance that is undergoing an update.

Procedure

1. Select **Deployment Appliances** from the main menu.
2. Click **Actions** on the **Deployment Appliances** screen and select **Update Appliance**.
3. Perform one of the following:
 - a. Select **Select an update image to upload an update image**.
 - b. Drag and drop the required .bin file or click **Browse** to select a file.
 - Click **Upload and install** to upload and install an image. Once the upload is complete, a dialog appears. Click **Update** to update the appliance.
 - Click **Upload only** to upload the image on the appliance. This operation does not initiate the update process.
 - c. Click **Update from uploaded image** to use a previously uploaded image for updating the appliance.

- Click **Update** to perform the appliance update.
- If you are updating on a configuration where multiple Image Streamer Deployment appliances are configured, update the Primary Deployment appliance first before uploading the update image on the other Deployment Appliances. After Primary Deployment Appliance update is completed, upload and update each Deployment Appliance in sequence.

Installation instructions

If you are installing Image Streamer version 4.00.06 on a new appliance, see *HPE Synergy Image Streamer Deployment Workflow* available at the [Hewlett Packard Enterprise Information Library](#) for the first time setup and installation.

HPE Synergy simplified firmware and driver distribution

HPE Synergy is releasing firmware and driver updates through HPE Synergy Software Release Sets. The Release Sets define the versions of HPE Synergy Composer, HPE Synergy Image Streamer, and the HPE Synergy Custom SPP (Service Pack for ProLiant) bundle that must be used together, eliminating the need to track and update individual firmware and drivers for your HPE Synergy system.

⚠ CAUTION: Before installing HPE Synergy Gen10 compute modules in an HPE Synergy 12000 Frame managed by HPE OneView 3.0, you must update your system to HPE Synergy Software Release Set version 3.10.Gen10.20170721 (or later) to ensure proper functionality and support for the HPE Synergy Gen10 compute modules.

In addition, HPE recommends that you use Gen10-based release sets for all configurations. Gen10 compute modules require release sets with a naming convention of `<x.xx.GEN10.xxxxx>`.

To access Release Sets, go to www.hpe.com/downloads/synergy. Each release set is identified with the date the Release Set was posted to this web site.

To access HPE Synergy Software Release Sets through the Software Depot home page, go to www.hpe.com/support/softwaredepot, and choose **Composable Infrastructure**, and then **Synergy Software/Firmware Updates**.

Each Release Set contains HPE Synergy firmware and drivers qualified and released as HPE Synergy Release Sets. These Release Sets contain the following:

- HPE Synergy Composer firmware bundle, including HPE OneView
 - Includes an update bundle and/or a re-image file.
- HPE Synergy Image Streamer firmware bundle
 - Includes an update bundle and/or re-image file.
- HPE Synergy Custom SPP Bundle
 - A subset of the full SPP that is contoured for HPE Synergy.
 - Includes all hotfixes that apply to the HPE Synergy solution.
- Links to firmware for non-HPE OneView managed switches.

NOTE: There are additional web pages that you will have to either enter your credentials on or select additional links. Please continue through these pages until you get to the applicable feature set page.

Each Release Set is tested to verify the versions of all the components work together. Hewlett Packard Enterprise recommends that HPE Synergy systems be updated with the most current Release Sets every 12 months, at minimum.

There are times where components will be in lockstep. Lockstep is where one version of a component requires a particular version of different components. These lockstep instances are represented in applicable Release Sets. Additionally, lockstep instances can occur when a system is not compliant with a particular Release Set and there are known negative reactions between these Release Set versions and

the components themselves. HPE has given testing priority to Release Sets to ensure lockstep instances are captured.

Documentation and troubleshooting resources for HPE Synergy

HPE Synergy documentation

The Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs) is a task-based repository. It includes installation instructions, user guides, maintenance and service guides, best practices, and links to additional resources. Use this website to obtain the latest documentation, including:

- Learning about HPE Synergy technology
- Installing and cabling HPE Synergy
- Updating the HPE Synergy components
- Using and managing HPE Synergy
- Troubleshooting HPE Synergy

HPE Synergy Configuration and Compatibility Guide

The *HPE Synergy Configuration and Compatibility Guide* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides an overview of HPE Synergy management and fabric architecture, detailed hardware component identification and configuration, and cabling examples.

HPE Synergy Frame Link Module User Guide

The *HPE Synergy Frame Link Module User Guide* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It outlines frame link module management, configuration, and security.

HPE OneView User Guide for HPE Synergy

The *HPE OneView User Guide for HPE Synergy* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It describes resource features, planning tasks, configuration quick start tasks, navigational tools for the graphical user interface, and more support and reference information for HPE OneView.

HPE OneView Global Dashboard

The HPE OneView Global Dashboard provides a unified view of health, alerting, and key resources managed by HPE OneView across multiple platforms and data center sites. The *HPE OneView Global Dashboard User Guide* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides instructions for installing, configuring, navigating, and troubleshooting the HPE OneView Global Dashboard.

HPE Synergy Image Streamer User Guide

The *HPE Synergy Image Streamer User Guide* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It describes the OS deployment process using Image Streamer, features of Image Streamer, and purpose and life cycle of Image Streamer artifacts. It also includes authentication, authorization, and troubleshooting information for Image Streamer.

HPE Synergy Image Streamer GitHub

The HPE Synergy Image Streamer GitHub repository (github.com/HewlettPackard) contains sample artifacts and documentation on how to use the sample artifacts. It also contains technical white papers explaining deployment steps that can be performed using Image Streamer.

HPE Synergy Software Overview Guide

The *HPE Synergy Software Overview Guide* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides detailed references and overviews of the various software and configuration utilities to support HPE Synergy. The guide is task-based and covers the documentation and resources for all supported software and configuration utilities available for:

- HPE Synergy setup and configuration
- OS deployment
- Firmware updates
- Troubleshooting
- Remote support

HPE Synergy Firmware Update Overview

The *HPE Synergy Firmware Update Overview* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides information on how to update the firmware for HPE Synergy.

Best Practices for HPE Synergy Firmware and Driver Updates

The *Best Practices for HPE Synergy Firmware and Driver Updates* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides information on recommended best practices to update firmware and drivers through HPE Synergy Composer, which is powered by HPE OneView.

HPE OneView Support Matrix for HPE Synergy

The *HPE OneView Support Matrix for HPE Synergy* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It maintains the latest software and firmware requirements, supported hardware, and configuration maximums for HPE OneView.

HPE Synergy Image Streamer Support Matrix

The *HPE Synergy Image Streamer Support Matrix* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It maintains the latest software and firmware requirements, supported hardware, and configuration maximums for HPE Synergy Image Streamer.

HPE Synergy Glossary

The *HPE Synergy Glossary*, in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs), defines common terminology associated with HPE Synergy.

HPE Synergy troubleshooting resources

HPE Synergy troubleshooting resources are available within HPE OneView and in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs).

Troubleshooting within HPE OneView

HPE OneView graphical user interface includes alert notifications and options for troubleshooting within HPE OneView. The UI provides multiple views of HPE Synergy components, including colored icons to indicate resource status and potential problem resolution in messages.

You can also use the Enclosure view and Map view to quickly see the status of all discovered HPE Synergy hardware.

HPE Synergy Troubleshooting Guide

The *HPE Synergy Troubleshooting Guide* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides information for resolving common problems and courses of action for fault isolation and identification, issue resolution, and maintenance for both HPE Synergy hardware and software components.

Error Message Guide for HPE ProLiant Gen10 servers and HPE Synergy

The *Error Message Guide for HPE ProLiant Gen10 servers and HPE Synergy* is in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs). It provides information for resolving common problems associated with specific error messages received for both HPE Synergy hardware and software components.

HPE OneView Help and HPE OneView API Reference

The *HPE OneView Help* and the *HPE OneView API Reference* are readily accessible, embedded online help available within the HPE OneView user interface. These help files include “Learn more” links to common issues, as well as procedures and examples to troubleshoot issues within HPE Synergy.

The help files are also available in the Hewlett Packard Enterprise Information Library (www.hpe.com/info/synergy-docs).

HPE Synergy QuickSpecs

HPE Synergy has system specifications as well as individual product and component specifications. For complete specification information, see the HPE Synergy and individual HPE Synergy product QuickSpecs on the Hewlett Packard Enterprise website (www.hpe.com/info/qs).

HPE Synergy document overview (documentation map)

www.hpe.com/info/synergy-docs

Planning

- *HPE Synergy 12000 Frame Site Planning Guide*
- *HPE Synergy Configuration and Compatibility Guide*
- *HPE OneView Support Matrix for HPE Synergy*
- *HPE Synergy Image Streamer Support Matrix*
- *Setup Overview for HPE Synergy*
- *HPE Synergy Software Overview Guide*

Installing hardware

- *HPE Synergy Start Here Poster* (included with frame)
- *HPE Synergy 12000 Frame Setup and Installation Guide*
- *Rack Rails Installation Instructions for the HPE Synergy 12000 Frame* (included with frame)
- *HPE Synergy 12000 Frame Rack Template* (included with frame)
- Hood labels
- User guides
- *HPE Synergy Cabling Interactive Guide*
- *HPE OneView Help for HPE Synergy — Hardware setup*

Configuring for managing and monitoring

- *HPE OneView Help for HPE Synergy*
- *HPE OneView User Guide for HPE Synergy*
- *HPE OneView API Reference for HPE Synergy*
- *HPE OneView REST API Scripting Help for HPE Synergy*
- User Guides

Managing

- *HPE OneView User Guide for HPE Synergy*
- *HPE Synergy Image Streamer Help*
- *HPE Synergy Image Streamer User Guide*
- *HPE Synergy Image Streamer API Reference*
- *HPE Synergy Image Streamer deployment workflow*
- *HPE Synergy Frame Link Module User Guide*

Monitoring

- *HPE OneView User Guide for HPE Synergy*
- *HPE OneView Global Dashboard User Guide*

Maintaining

- Product maintenance and service guides
- *Best Practices for HPE Synergy Firmware and Driver Updates*
- *HPE OneView Help for HPE Synergy*
- *HPE OneView User Guide for HPE Synergy*
- *HPE Synergy Appliances Maintenance and Service Guide for HPE Synergy Composer and HPE Synergy Image Streamer*

Troubleshooting

- HPE OneView alert details
- *HPE Synergy Troubleshooting Guide*
- *Error Message Guide for HPE ProLiant Gen10 servers and HPE Synergy*
- *Integrated Management Log Messages and Troubleshooting Guide for HPE ProLiant Gen10 and HPE Synergy*
- *HPE OneView API Reference for HPE Synergy*
- *HPE Synergy Image Streamer API Reference*

Websites

General websites

Hewlett Packard Enterprise Information Library

www.hpe.com/info/EIL

Hewlett Packard Enterprise Support Center

www.hpe.com/support/hpesc

Contact Hewlett Packard Enterprise Worldwide

www.hpe.com/assistance

Subscription Service/Support Alerts

www.hpe.com/support/e-updates

Software Depot

www.hpe.com/support/softwaredepot

Customer Self Repair

www.hpe.com/support/selfrepair

Product specific websites

HPE Synergy Image Streamer Documentation

www.hpe.com/info/synergy-imagestreamer-docs

HPE Synergy Documentation

www.hpe.com/info/synergy-docs

HPE Image Streamer github

<https://github.com/HewlettPackard/image-streamer-tools>

Support and other resources

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
<http://www.hpe.com/assistance>
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
<http://www.hpe.com/support/hpesc>

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
- To download product updates:

Hewlett Packard Enterprise Support Center

www.hpe.com/support/hpesc

Hewlett Packard Enterprise Support Center: Software downloads

www.hpe.com/support/downloads

Software Depot

www.hpe.com/support/softwaredepot

- To subscribe to eNewsletters and alerts:
www.hpe.com/support/e-updates
- To view and update your entitlements, and to link your contracts and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:

- ❗ **IMPORTANT:** Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HPE Passport set up with relevant entitlements.
-

Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

<http://www.hpe.com/support/selfrepair>

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

If your product includes additional remote support details, use search to locate that information.

Remote support and Proactive Care information

HPE Get Connected

www.hpe.com/services/getconnected

HPE Proactive Care services

www.hpe.com/services/proactivecare

HPE Proactive Care service: Supported products list

www.hpe.com/services/proactivecaresupportedproducts

HPE Proactive Care advanced service: Supported products list

www.hpe.com/services/proactivecareadvancedsupportedproducts

Proactive Care customer information

Proactive Care central

www.hpe.com/services/proactivecarecentral

Proactive Care service activation

www.hpe.com/services/proactivecarecentralgetstarted

Warranty information

To view the warranty for your product or to view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products* reference document, go to the Enterprise Safety and Compliance website:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional warranty information

HPE ProLiant and x86 Servers and Options

www.hpe.com/support/ProLiantServers-Warranties

HPE Enterprise Servers

www.hpe.com/support/EnterpriseServers-Warranties

HPE Storage Products

www.hpe.com/support/Storage-Warranties

HPE Networking Products

www.hpe.com/support/Networking-Warranties

Regulatory information

To view the regulatory information for your product, view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at the Hewlett Packard Enterprise Support Center:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional regulatory information

Hewlett Packard Enterprise is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at:

www.hpe.com/info/reach

For Hewlett Packard Enterprise product environmental and safety information and compliance data, including RoHS and REACH, see:

www.hpe.com/info/ecodata

For Hewlett Packard Enterprise environmental information, including company programs, product recycling, and energy efficiency, see:

www.hpe.com/info/environment

Documentation feedback

Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (docsfeedback@hpe.com). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.