

# Hitachi Replication Plug-in for Containers v3.17.4 Release Notes

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## About this document

This document (RN-92ADPTR153-10, March 2026) provides late-breaking information about Hitachi Replication Plug-in for Containers v3.17.4 release. It includes information that was not available at the time the technical documentation for this product was published, as well as a list of known problems and solutions.

## Intended audience

This document is intended for customers and Hitachi Vantara partners who license and use Hitachi Replication Plug-in for Containers.

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## About this release

This is a major release that includes enhancements.

The version number of Hitachi Replication Plug-in for Containers has been updated to 3.17.x to maintain consistency with

the versioning of Hitachi Storage Plug-in for Containers.

### Software and hardware support

This release supports only the hardware and software explicitly listed below.

Refer to the Product Compatibility Guide for the latest information: <https://compatibility.hitachivantara.com/products/hrpc/>.

### Storage Plug-in for Containers

Replication Plug-in for Containers supports Storage Plug-in for Containers v3.17.4.

### Operating Systems

Hitachi Replication Plug-in for Containers supports the following operating systems.

- Red Hat Enterprise Linux 8.2 - 8.4, 8.6 - 8.8, 8.10, 9.0, 9.2 - 9.4, 9.6
- Red Hat Enterprise Linux Core OS 4.18 - 4.20

### Software

Hitachi Replication Plug-in for Containers supports the following software:

Software	Version
Hitachi Storage Plug-in for Containers	v3.17.4
Kubernetes	1.31 - 1.33
Red Hat OpenShift Container Platform	4.18 - 4.20

### Storage Systems

Hitachi Replication Plug-in for Containers supports the following storage systems:

Item	Description	Firmware Version
Supported Systems	VSP One Block B85	A0-05-20-00/05 or later
	VSP One B24, B26, B28	A3-04-02 or later
	VSP 5100, 5500, 5100H, 5500H	90-04-04 or later
	VSP 5200, 5600, 5200H, 5600H	90-08-01 or later
	VSP E1090, E1090H	93-06-01 or later
	VSP E590, E790, E990, E590H, E790H	93-02-04 or later
	VSP G350, G370, G700, G900, F350, F370, F700, F900,	88-06-02 or later

### Enhancements

- Default Replication Status: Changed from `Ready` to `Pair`.
- Replication CR Enhancements: Added **Last Error Message** and **Operation Phase** parameters under the **Current Operation** section.

- DR Policy CR Enhancements: Added **Pod/VM/Deployment**, **Replication Name**, and **Replication Status** parameters under the **Selected PVCs** section.
- Failover Behavior: Virtual machines or deployment pods now automatically power on or scale up at the secondary site after a failover is completed.
- Codebase Updates: Minor improvements to the HRPC/DR Operator codebase.

## Restrictions and Considerations

- TrueCopy replication pairs created with the default copy group are registered in a consistency group only when the `isConsistencyGroup` parameter is set to true.
- Do not use the same `consistencyGroupId` or journal volumes across multiple copy groups, including both default and custom copy groups.
- The Replication Group CR object at the secondary site is not automatically deleted. To remove it, you must manually clear the finalizers.
- Operations performed on a Replication Group do not immediately update the replication status. The status is refreshed only after reconciliation is completed across sites and custom resources, which may take 5–10 minutes. Users can monitor progress by using `watch` on the `replication/replicationgroup` or by reviewing the logs.
- The desired state of a Replication Group is visible only at the site where the operation is performed.
- Managing multiple copy groups under a single parent Replication Group can significantly increase the time required for replication operations to complete.
- The `replicationMode` field in the DR Policy CR is immutable and cannot be modified after creation.
- NVMe over Fibre Channel is not supported.
- ReadOnlyMany is not supported.
- Do not perform failover with a mismatch in size between primary volume and secondary volume.
- HRPC Integration with OpenShift Virtualization is supported. However, the following feature gaps must be reviewed:
  - Limited automated failback is supported: To perform failback, see “Performing Failback to the Primary Site” in the *Hitachi Replication Plug-in for Containers Configuration Guide*. If the DR Operator is configured, see “Failing Back a TrueCopy or Universal Replicator Pair Using the DR Operator” in the *Hitachi Replication Plug-in for Containers Configuration Guide*.
  - Kubernetes-native snapshot/clone of a PV protected by HRPC is not supported. However, you can manually create snapshots or clones from the backend VSP storage.
- When using https for a storage connection with certificate verification enabled, the certificate must be installed into the container image of Replication Plug-in for Containers.

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