

# Protector Adapter for VMware Site Recovery Manager Version 5.0.1 Release Notes

---

## Contents

About this document.....	1
Intended audience.....	2
Getting help.....	2
Accessing product downloads.....	2
About this release.....	2
Product package contents.....	3
New features and important enhancements.....	3
Prerequisites.....	3
System requirements.....	4
Resolved Problems.....	4
Known problems.....	5
Installation and User Guide.....	5
Copyrights and licenses.....	5

## About this document

This document (RN-99PRT001-09, December 2023) provides late-breaking information about Hitachi Ops Center Protector Adapter for VMware Site Recovery Manager Version 5.0.1. 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 Ops Center Protector Adapter for VMware Site Recovery Manager.

## Getting help

[Hitachi Vantara Support Connect](#) is the destination for technical support of products and solutions sold by Hitachi Vantara. To contact technical support, log on to Hitachi Vantara Support Connect for contact information:

[https://support.hitachivantara.com/en\\_us/contact-us.html](https://support.hitachivantara.com/en_us/contact-us.html).

Product user documentation is available on Hitachi Vantara Support Connect: <https://knowledge.hitachivantara.com/Documents>. Check this site for the most current documentation, including important updates that may have been made after the release of the product.

[Hitachi Vantara Community](#) is a global online community for customers, partners, independent software vendors, employees, and prospects. It is the destination to get answers, discover insights, and make connections. **Join the conversation today!** Go to [community.hitachivantara.com](https://community.hitachivantara.com), register, and complete your profile.

## Accessing product downloads

Product software, drivers, and firmware downloads are available on Hitachi Vantara Support Connect: <https://support.hitachivantara.com/>.

Log in and select Product Downloads to access the most current downloads, including important updates that may have been made after the release of the product.

## About this release

This maintenance release resolves known problems.

# Product package contents

Product	Revision	Release type
Protector Adaptor for VMware Site Recovery Manager	protector_sra-5.0.1.1699868511.tar	Installer for PhotonOS SRM

## New features and important enhancements

### 5.0.1

None.

### 5.0.0

Features and enhancements	Overview
Handle Multiple Replications in Parallel [ZEN-45288]	SRA now queues up all the required requests and sends them all to Protector in one go, then polls for completion in parallel too. The net result is the chance of SRA being timed out is now minimal.
Improved Disaster Recovery [ZEN-47375]	In combination with the changes found in Protector 7.5.0, SRA can now perform Disaster Recovery "Failovers" without the need of a source Array or ISM present. A Disaster Recovery "Failover" will now always result in the replication's secondary volume being made writable.
Faster execution time	SRA can now take a request from SRM and invoke command in a shorter time. This will provide a performance boost especially on busy systems that are more prone to SRA timing out.

## Prerequisites

- Protector 7.5.x, 7.6.x or 7.7.x
- VMware Site Recovery Manager 8.3+
- ESXi host version 6.5 or later.

# System requirements

For information about the supported operating systems and hardware requirements, see:

<https://www.hitachivantara.com/en-us/products/data-protection/ops-center-protector.html>

## Resolved Problems

### 5.0.1

Problem ID	Description
ZEN-54122	Resolved an issue where SRA reports incorrect replication state during SRM Reprotect.

### 5.0.0

Problem ID	Description
ZEN-43928	Use of SRM prevented because SRA returns an error when any requests to Protector fail during SRM discover devices.
ZEN-47429	SRA should trigger correct replication in Node Group.
ZEN-46618	SRA Supported Array Models does not link directly to specifications for Protector.
ZEN-47320	SRA cannot failover if source ISM is down.
ZEN-47347	SRA should not abort if an ISM Node shuts itself down.
ZEN-47341	SRA disruptive testfailover cleanup fails to report resume result.
ZEN-47269	SRA custom tag does not work with hyphens (on SRM 8.5).
ZEN-47358	SRA tag filtering should match Protector behavior.
ZEN-47519	SRA infinitely waits for a job to appear.
ZEN-47522	SRM failure, from missing jobIDs.

## Known problems

Problem ID	Description
ZEN-43888	Cannot use logical block device in SRM.
ZEN-47804	SRA should handle commands that invoke both GAD and non-GAD at the same time.
ZEN-47734	SRA fails to report a Protector error during validation of replication as an SRM protection group.

## Installation and User Guide

Product documentation is available on Hitachi Vantara Support Connect:  
<https://knowledge.hitachivantara.com/Documents>

Check this site for the most current documentation, including important updates that may have been made after the release of the product.

Document name	Document number	Issue date
Ops Center Protector VMware Application Guide	MK-99PRT004-07	February 2023

## Copyrights and licenses

© 2023 Hitachi, Ltd. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including copying and recording, or stored in a database or retrieval system for commercial purposes without the express written permission of Hitachi, Ltd., or Hitachi Vantara Corporation (collectively “Hitachi”). Licensee may make copies of the Materials provided that any such copy is: (i) created as an essential step in utilization of the Software as licensed and is used in no other manner; or (ii) used for archival purposes. Licensee may not make any other copies of

the Materials. “Materials” mean text, data, photographs, graphics, audio, video and documents.

Hitachi reserves the right to make changes to this Material at any time without notice and assumes no responsibility for its use. The Materials contain the most current information available at the time of publication.

Some of the features described in the Materials might not be currently available. Refer to the most recent product announcement for information about feature and product availability, or contact Hitachi Vantara Corporation at [https://support.hitachivantara.com/en\\_us/contact-us.html](https://support.hitachivantara.com/en_us/contact-us.html).

**Notice:** Hitachi products and services can be ordered only under the terms and conditions of the applicable Hitachi agreements. The use of Hitachi products is governed by the terms of your agreements with Hitachi Vantara Corporation.

By using this software, you agree that you are responsible for:

1. Acquiring the relevant consents as may be required under local privacy laws or otherwise from authorized employees and other individuals; and
2. Verifying that your data continues to be held, retrieved, deleted, or otherwise processed in accordance with relevant laws.

**Notice on Export Controls.** The technical data and technology inherent in this Document may be subject to U.S. export control laws, including the U.S. Export Administration Act and its associated regulations, and may be subject to export or import regulations in other countries. Reader agrees to comply strictly with all such regulations and acknowledges that Reader has the responsibility to obtain licenses to export, re-export, or import the Document and any Compliant Products.

Hitachi is a registered trademark of Hitachi, Ltd., in the United States and other countries.

AIX, AS/400e, DB2, Domino, DS6000, DS8000, Enterprise Storage Server, eServer, FICON, FlashCopy, IBM, Lotus, MVS, OS/390, PowerPC, RS/6000, S/390, System z9, System z10, Tivoli, z/OS, z9, z10, z13, z/VM, and z/VSE are registered trademarks or trademarks of International Business Machines Corporation.

Active Directory, ActiveX, Bing, Excel, Hyper-V, Internet Explorer, the Internet Explorer logo, Microsoft, the Microsoft Corporate Logo, MS-DOS, Outlook, PowerPoint, SharePoint, Silverlight, SmartScreen, SQL Server, Visual Basic, Visual C++, Visual Studio, Windows, the Windows logo, Windows Azure, Windows PowerShell, Windows Server, the Windows start button, and Windows Vista are registered trademarks or trademarks of Microsoft Corporation. Microsoft product screen shots are reprinted with permission from Microsoft Corporation.

All other trademarks, service marks, and company names in this document or website are properties of their respective owners.