

# HP 3PAR System Reporter 2.9 MU1 P02 Software Release Notes

## **Abstract**

This document provides release notes for HP 3PAR System Reporter 2.9 MU1 P02 Software. Read this entire document before installing System Reporter.



© Copyright 2012 Hewlett-Packard Development Company, L.P.

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

#### **Acknowledgements**

Microsoft, Windows, XP, and Windows NT are U.S. registered trademarks of Microsoft Corporation.

Adobe® and Acrobat® are trademarks of Adobe Systems Incorporated.

Java and Oracle are registered trademarks of Oracle and/or its affiliates.

UNIX® is a registered trademark of The Open Group.

Intel®, Itanium®, Pentium®, Intel Inside®, and the Intel Inside logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

**NOTE:** This document assumes that you previously installed HP 3PAR System Reporter 2.9 MU1 and you are upgrading your installation.

## HP 3PAR System Reporter 2.9 MU1 P02 Requirements

### Supported HP 3PAR System Reporter 2.9 MU1 P02 Host Platforms

Component	Requirement
Operating System	Microsoft Windows Server 2008 R2 (32- or 64-bit), or Microsoft Windows 2003 (32- or 64-bit), or Red Hat Enterprise Linux 5.6 (32-bit only if using Oracle, 32- or 64-bit otherwise).
Processor	Intel Pentium 4 processor, 3 GHz or higher. Multi-core processors are recommended both for the database server and for the System Reporter server, especially when sampling a large configuration (large number of HP 3PAR systems or those with a large number of objects). See system sizing spreadsheet.
Memory	1 GB. See system sizing spreadsheet.
Disk Space	At least 20 GB of available disk space. See system sizing spreadsheet.

The system size (CPU cores, memory size and disk space) above is the minimum required for HP 3PAR System Reporter. However, the resources required depend substantially on the number and size of the HP 3PAR Storage Systems that are being sampled as well as the sampling parameters. The CD includes a system sizing spreadsheet (*SR\_Sizing.xls*) that should be used to determine the number of CPU cores, the amount of memory and the database space needed. Instructions for using the spreadsheet are included in the spreadsheet.

### HP 3PAR Storage System Requirements

- 2.2.4, 2.3.1 (and all subsequent MUs), 3.1.1 releases of the HP 3PAR InForm Operating System.
- Adaptive Optimization is only supported for the 2.3.1 MU1 or later InForm Operating System.
- The maximum CPG size supported when region data sampling is enabled for Adaptive Optimization is 250 TiB.
- The maximum Adaptive Optimization configuration size is limited to 125 TiB.

### HP 3PAR System Reporter 2.9 MU1 P02 Installation Notes

A zip archive containing the Windows *installer.exe* executable file and the RedHat Linux rpm packages are provided for HP 3PAR System Reporter. For detailed instructions about upgrading your HP 3PAR System Reporter installation, refer to *Chapter 3, Installation, Configuration, Update, and Removal* of the *HP 3PAR System Reporter 2.9 Software User's Guide*.

### Defects Fixed in HP 3PAR System Reporter 2.9 MU1 P02

Bug	Description	Resolution
66104	Raw space in the Logical Disk space reports is incorrect for P10000 platforms because the chunklet size on these platforms is 1 GB, not 256 MB.	This patch fixes the problem by correctly considering the chunklet

Bug	Description	Resolution
		size for each platform when calculating the raw space.
70440	Execution of Adaptive Optimization configurations can sometimes fail with a <code>cpgAvailMB(cpg_name) : no such variable</code> error when the System Reporter instance is sampling multiple arrays.	This patch fixes a timing-related bug that causes this issue.
72962	On Windows systems only the scheduler process ( <code>sysrptsched</code> ) can occasionally hang. This problem has never been observed on Linux systems.	This patch addresses the issue by detecting when the scheduler process is hung and then restarting it.