

HP 3PAR OS 3.1.3 MU1 Patch 06

Release Notes

This release notes document is for Patch 06 and intended for HP 3PAR Operating System Software 3.1.3.230 (MU1).

HP Part Number: QR482-96874
Published: August 2014
Edition: 1



© Copyright 2014 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.

Acknowledgments

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.

Microsoft®, Windows®, 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.

Documentation

For the latest version of this document, go to <http://www.hp.com/go/3par/>, navigate to your product page, click **Support for your product**, and then click **Manuals**.

Contents

1 Overview of HP 3PAR OS.....	4
Supported platforms.....	4
Verifying the patch installation.....	4
Components.....	4
Modifications to the HP 3PAR OS.....	5

1 Overview of HP 3PAR OS

This release notes document describes the modifications and known issues for Patch 06. The application of this patch is intended for HP 3PAR OS 3.1.3.230 (MU1).

Supported platforms

The HP 3PAR Configuration Matrix for HP 3PAR OS 3.1.3 contains information about supported hardware and software platforms. For additional information, see the Single Point of Connectivity Knowledge for HP Storage Products (SPOCK) website: <http://www.hp.com/storage/spock>.

Verifying the patch installation

The installation of Patch 06 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 06 is listed.

```
cli% showversion -a -b
Release version 3.1.3.230 (MU1)
Patches: P06

Component Name          Version
CLI Server              3.1.3.230 (MU1)
CLI Client              3.1.3.188
System Manager          3.1.3.236 (P06)
Kernel                  3.1.3.230 (MU1)
TPD Kernel Code         3.1.3.230 (MU1)
CIM Server              3.1.3.230 (MU1)
...
```

NOTE: When displaying the `showversion` command output from the Service Processor, the CLI Client version is fixed in the SP code, and might differ from the output displayed on another system.

NOTE: Applying this patch to the HP 3PAR OS might restart the affected OS components. With these restarts, events and alerts might be generated and this is an expected behavior. The system continues to serve data, but existing CLI or IMC sessions might be interrupted.

NOTE: HP recommends installing patches in the same sequence as they are released, unless instructed otherwise.

Components

Component	Version
CLI Server	3.1.3.230
CLI Client	3.1.3.188
System Manager	3.1.3.236

Modifications to the HP 3PAR OS

This release addresses the following item:

Issue number	Description
110881	The purpose of this patch is to prevent unresponsive volume operations when starting a Remote Copy group.