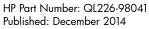# HP 3PAR OS 3.1.3 MU1 Patch 11
Release Notes

This release notes document is for Patch 11 and intended for HP 3PAR Operating System Software 3.1.3.230 (MU1).

Acknowledgments

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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

This service notes document describes the modifications and known issues for Patch 11. This is only intended to be applied to HP 3PAR OS 3.1.3.230 (MU1). This patch is provided on an as-needed basis when the specific hardware noted in the release notes is installed on the array.

The installation of this patch affects the following packages:

- tpd-prerevert
- tpd-fwdb
- tpd-drivefw

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.

Patch Details

- Patch Name: HP 3PAR OS 3.1.3 MU1 P11
- Prerequisite: The Service Processor must be at least at release level SP-4.2.0.GA-29 + the latest available patch
- This patch applies to: HP 3PAR OS Release 3.1.3.230 (MU1)
- Obsoletes: HP 3PAR OS 3.1.3.230 (MU1) Patch 03

NOTE: This patch is not revertible.

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.

Included in This Patch

HP 3PAR OS 3.1.3 MU1 P11 includes:

- Issue ID: 107958
- Description: Support for HSSC0920S5xnFMRI drives.
- Affected Packages: tpd-fwdb, tpd-drivefw, tpd-prerevert
- Obsoletes: OS-3.1.3.230-P03
- Requires: OS-3.1.3.230-MU1
- Build Version: 3.1.3.256

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

Affected components

Component	Version
CLI Server	3.1.3.230
CLI Client	3.1.3.188

Component	Version
Firmware Database	20141117
Drive Firmware	20141112

Modifications to the HP 3PAR OS

This release addresses the following item:

Issue number	Description
107958	New drive support for: • HSSC0920S5xnFMRI drive

The firmware provides support for the following drive:

• HSSC0920S5xnFMRI drives on HP 3PAR StoreServ 7xxx Storage systems and HP 3PAR StoreServ P10000 Storage systems

Verifying the patch installation

The installation of Patch 11 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 11 is listed.

```
cli% showversion -a -b
Release version 3.1.3.230 (MU1)
Patches:  P11

Component Name                Version
CLI Server                    3.1.3.230 (MU1)
CLI Client                    3.1.3.230
System Manager                3.1.3.230 (MU1)
Kernel                        3.1.3.230 (MU1)
TPD Kernel Code               3.1.3.230 (MU1)
CIM Server                    3.1.3.230 (MU1)
.
.
.
Firmware Database             20141117
Drive Database                20141112
```

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.