

HP 3PAR OS 3.1.3 MU2 Patch 15

Release Notes

This release notes document is for Patch 15 and intended for HP 3PAR Operating System Software 3.1.3.262 (MU2).

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Documentation

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Contents

1 Overview of HP 3PAR OS.....	4
Supported Platforms.....	4
Patch Details.....	4
Included in This Patch.....	4
Affected components.....	5
Modifications to the HP 3PAR OS.....	5
Verifying the patch installation.....	5

1 Overview of HP 3PAR OS

This release notes document describes the modifications and known issues for Patch 15. This is only intended to be applied to HP 3PAR OS 3.1.3.262 (MU2). This patch is provided on an as-needed basis when the specific hardware identified 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 MU2 P15
- Prerequisite: The Service Processor must be at release level SP-4.2.0.GA-29 + the latest available patch
- This patch applies to: HP 3PAR OS Release 3.1.3.262 (MU2)
- Obsoletes: OS-3.1.3.262-P14

NOTE: This patch is revertible but HP does not recommend revert.

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 MU2 P15 includes:

- Issue ID: 137191, 137218
- Description: Support of drive models: HSCP0920S5xnFMRI, HSCP0920S5xnNMRI, HSCP0480S5xnNMRI.
- Affected Packages: tpd-fwdb, tpd-drivefw, tpd-prerevert
- Obsoletes: OS-3.1.3.262-P14
- Requires: OS-3.1.3.262-MU2
- Build Version: 3.1.3.288

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

Affected components

Component	Version
Firmware Database	20150702
Drive Firmware	20150702

Modifications to the HP 3PAR OS

This release addresses the following items:

Issue number	Description
137191	New drive support for: <ul style="list-style-type: none">• HSCP0480S5xnNMRI drive• HSCP0920S5xnNMRI drive
137218	New drive support for HSCP0920S5xnFMRI drive

The firmware provides support for the following drives:

- HSCP0480S5xnNMRI, HSCP0920S5xnNMRI, and HSCP0920S5xnFMRI drives on HP 3PAR StoreServ 7xxx Storage systems, HP 3PAR StoreServ 7xxxc Storage systems, and HP 3PAR StoreServ P10000 Storage systems

Verifying the patch installation

The installation of Patch 15 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 15 is listed.

```
cli% showversion -a -b
Release version 3.1.3.262 (MU2)
Patches: P15

Component Name          Version
CLI Server              3.1.3.262 (MU2)
CLI Client               3.1.3.262
System Manager           3.1.3.262 (MU2)
Kernel                   3.1.3.262 (MU2)
TPD Kernel Code          3.1.3.262 (MU2)
CIM Server               3.1.3.262 (MU2)
.
.
.
Firmware Database        20150702
Drive Database           20150702
```

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.

After a firmware patch is installed successfully, the firmware (drive or cage) must be updated manually. To update the firmware, run the CLI command `starttask admithw -ni`. The `starttask admithw -ni` command runs the update process as a task. Record the task ID for monitoring purposes. Monitor the task for successful completion using the CLI command `showtask -d <task_ID>`. See the appropriate upgrade documentation for details on patch installation.