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Enterprise

# HPE 3PAR OS 3.2.2 MU2 Patch 25 Release Notes

This release notes document is for Patch 25 and intended for HPE 3PAR Operating System Software 3.2.2. (MU2).

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#### **Documentation**

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# 1 Purpose

HPE 3PAR OS 3.2.2 MU2 P25 provides drive firmware (FW) updates.

## Guidance

- This patch is intended for 3PAR OS 3.2.2 MU2.
- This is a recommended patch.
- All supported hardware platforms are susceptible to the issues corrected in this patch.

## Prerequisites

- SP Prerequisites: 4.4.0.GA-30 plus latest SP patch (if any)
- OS Prerequisites: OS-3.2.2.390-MU2

## Details

Patch ID: P25

Synopsis: Provides support for new drives and drive FW updates.

Date: September 27, 2016, 13:57:35 PDT

Description: See the Release Notes for details about this patch

Affected Packages: tpd-fwdb, tpd-drivefw, tpd-prerevert

Obsoletes: OS-3.2.2.390-P18

Requires: OS-3.2.2.390-MU2

Build Version: 3.2.2.556

Notes: Description of the incorporated patches:

Patch ID: P18

Synopsis: Provides support for new drives and drive FW updates.

Date: May 13, 2016, 11:53:05 PDT

Description: See the Release Notes for details about this patch

Affected Packages: tpd-fwdb, tpd-drivefw, tpd-prerevert

Obsoletes: OS-3.2.2.390-P11

Requires: OS-3.2.2.390-MU2

Build Version: 3.2.2.442

Notes: Description of the incorporated patches:

Patch ID: P11

Synopsis: Adds support for additional drives

Date: February 09, 2016, 15:28:19 PST

Description: See the Release Notes for details about this patch

Affected Packages: tpd-fwdb, tpd-drivefw, tpd-prerevert

Obsoletes: None

Requires: OS-3.2.2.390-MU2

Build Version: 3.2.2.392

## Warnings, cautions and notes

**⚠ WARNING!** This patch is revertible, however, revert after the supported drives are in use makes them unavailable.

**⚠ CAUTION:** 3PAR OS 3.2.2 MU2 Patch 27 should be installed before installing this patch.

### NOTE:

- Hewlett Packard Enterprise recommends installing patches in the same sequence as they are released, unless instructed otherwise.
- When displaying the `showversion` command output from the SP, the CLI Client version is fixed in the SP code, and might differ from the output displayed from any other system.

## Affected components

Component	Version
Firmware Database	3.2.2.486 (P25)
Drive Firmware	3.2.2.486 (P25)

## Modifications

Patch 25 provides the FW updates for the following drives:

**Table 1 Supported drives**

Drive	Category	Capacity	Speed	StoreServ 7000	StoreServ 8000	StoreServ 10000	StoreServ 20000	FW
AREX3840S5xnNTRI	SSD	3.84 TB	SSD	Yes	Yes	No	Yes	3P06
AREX1920S5xnNTRI	SSD	1.92 TB	SSD	Yes	Yes	Yes	Yes	3P06
AREX0920S5xnNTRI	SSD	920 GB	SSD	Yes	No	No	No	3P06
AREX0480S5xnNTRI	SSD	480 GB	SSD	Yes	Yes	No	Yes	3P06
AREX3840S5xnFTRI	SSD	3.84 TB	SSD	Yes	Yes	No	Yes	3P02
AREX1920S5xnFTRI	SSD	1.92 TB	SSD	Yes	Yes	No	Yes	3P02
AREX0920S5xnFTRI	SSD	920 GB	SSD	Yes	Yes	No	Yes	3P02
AREX0400S5xnNTRI	SSD	400 GB	SSD	Yes	Yes	Yes	Yes	3P02
HSCP0480S5xnNMRI	SSD	480 GB	SSD	Yes	Yes	Yes	Yes	3P04
HSCP0920S5xnNMRI	SSD	920 GB	SSD	Yes	No	Yes	No	3P04

## Installation

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`. This 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. If the task fails, resolve the issue due to which the task failed. After the issue is resolved, issue the CLI command `starttask admithw -ni`. Note the new task ID number and monitor the `admithw` task completion.

## Verification

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- ① **IMPORTANT:** The installation of Patch 25 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 25 is listed.
- 

```
cli% showversion -a -b
Release version 3.2.2.390 (MU2)
Patches: P11, P14, P15, P18, P19, P20, P22, P25, P27, P28, P29, P38

Component Name          Version
CLI Server              3.2.2.464 (P29)
CLI Client              3.2.2.464
System Manager          3.2.2.390 (MU2)
Kernel                 3.2.2.390 (MU2)
TPD Kernel Code        3.2.2.390 (MU2)
TPD Kernel Patch       3.2.2.404 (P14)
CIM Server              3.2.2.458 (P28)
Firmware Database      3.2.2.486 (P25)
Drive Firmware         3.2.2.486 (P25)
```