

# HP 3PAR OS 3.2.2 EGA Patch 04 Release Notes

This release notes document is for Patch 04 and intended for HP 3PAR Operating System Software 3.2.2.290 (EGA).

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### Documentation

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# 1 Overview of HP 3PAR OS

This release notes document describes the modifications and known issues for Patch 04. The application of this patch is intended for HP 3PAR OS 3.2.2.290 Extended General Availability (EGA). This is a recommended patch.

## Supported platforms

The HP 3PAR Configuration Matrix for HP 3PAR OS 3.2.2 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 3.2.2 EGA P04
- SP prerequisite: 4.4.0.GA-22 plus the latest SP patch (if any)
- OS prerequisite: OS-3.2.2.290-EGA

### NOTE:

- This patch is revertible, however, revert after the supported drives are in use makes them unavailable.
- 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

- Synopsis: Adds FW update and support for new drives
- Affected Packages: tpd-fwdb, tpd-drivefw, tpd-libsed, tpd-prerevert
- Obsoletes: OS-3.2.2.290-P01
- Build Version: 3.2.2.304

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

## Affected components

Component	Version
TPD Kernel Code	3.2.2.300 (P03)
Firmware Database	3.2.2.304 (P04)
Drive Firmware	3.2.2.304 (P04)

## Modifications to the HP 3PAR OS

**Table 1 Supported drives**

Drive	Category	Capacity	Speed	7000	8000	20000	FW
AREX3840S5xnFTRI	SSD	3.84T	100K	Yes	Yes	Yes	3P00
SMKR4000S5xeF7.2	NL	4TB	7.2K	No	Yes	Yes	3P02

**Table 1 Supported drives** *(continued)*

Drive	Category	Capacity	Speed	7000	8000	20000	FW
AREX0400S5xnNTRI	SSD	400GB	150K	Yes	Yes	Yes	3P00
AREX0480S5xnNTRI	SSD	480GB	100K	Yes	Yes	Yes	3P04
AREX0920S5xnNTRI	SSD	920GB	150K	Yes	No	No	3P04
STHB0600S5xeN010	HDD	600GB	10K	Yes	Yes	Yes	3P00
STHB1200S5xeN010	HDD	1.2TB	10K	Yes	Yes	Yes	3P00
STHB1800S5xeN010	HDD	1.8TB	10K	Yes	Yes	Yes	3P00
AREX1920S5xnFTRI	SSD	1.92T	100K	Yes	Yes	Yes	3P00
AREX0920S5xnFTRI	SSD	920G	150K	Yes	Yes	Yes	3P00

## Verifying the patch installation

- ❗ **IMPORTANT:** 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.

The installation of Patch 04 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 04 is listed.

```
cli% showversion -a -b
Release version 3.2.2.290
Patches: P03, P04

Component Name          Version
TPD Kernel Code         3.2.2.300 (P03)
Firmware Database       3.2.2.304 (P04)
Drive Firmware          3.2.2.304 (P04)
.
.
```

**NOTE:** 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.