Hewlett Packard Enterprise

HPE 3PAR OS 3.1.3 MU3 Patch 19 Release Notes

This release notes document is for Patch 19 and intended for HPE 3PAR Operating System Software 3.1.3.334 (MU3).

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Documentation

For the latest version of this document, go to **www.hpe.com/info/enterprise/docs**.

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1 Purpose

HPE 3PAR OS 3.1.3 MU3 P19 provides improved error handling for PD failures and improvements to servicemag.

Guidance

This patch applies to 3PAR OS 3.1.3 MU3. This is a recommended patch.

Prerequisites

- **SP**: 4.2.0.GA-29 plus the latest SP patch (if any)
- **OS**: OS-3.1.3.334-MU3

Details

- **Affected packages**: tpd-sysmgr, tpd-libcli, tpd-utils, tpd-libtextconv, tpd-update, tpd-prerevert
- **Obsoletes**: None
- **Build version**: 3.1.3.342
  Revertible: Yes

Warnings, cautions and notes

NOTE:

- Applying this patch to the 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 SSMC sessions might be interrupted.
- 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.

Related documentation

For information about supported browsers for SP, see the Single Point of Connectivity Knowledge (SPOCK) website: **http://www.hpe.com/storage/spock**

Affected components

Component	Version
System Manager	3.1.3.342 (P19)
Software Updater	3.1.3.342 (P19)

Modifications

This patch includes the following modifications to 3PAR OS 3.1.3 MU3:

- The lifetime counts of uncorrectable errors is now monitored. When it exceeds preset limits, an event is generated and the drive is evacuated so it can be replaced.
- Enhances servicemag to prevent new allocations on a physical disk (PD) while the PD is being serviced.

Verification

The installation of Patch 19 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 19 is listed.

```
cli% showversion -a -b
Release version 3.1.3.334 (MU3)
Patches: P18,P19

Component Name               Version
CLI Server                   3.1.3.334 (MU3)
CLI Client                   3.1.3.188
System Manager               3.1.3.342 (P19)
Software Updater             3.1.3.342 (P19)
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.
.
```