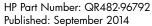# HP 3PAR OS 3.1.2 MU3 Patch 41
Release Notes

This release notes document is for Patch 41 and intended for HP 3PAR Operating System Software 3.1.2.484 (MU3).

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 release notes document describes the modifications and known issues for Patch 41. This is a mandatory patch for direct upgrade to HP 3PAR OS 3.2.1 and is only intended to be applied to HP 3PAR OS 3.1.2.484 (MU3). Only an authorized HP Service Provider should perform this maintenance procedure.

Supported platforms

The HP 3PAR Configuration Matrix for HP 3PAR OS 3.1.2 contains information about supported hardware and software platforms. For additional information, go to 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 3.1.2 MU3 P41
- Prerequisite: Prior to installation of HP 3PAR OS 3.1.2 MU3 Patch 41, the OS must be at 3.1.2.484 (MU3) and the Service Processor must be at least at release level SP4.1.0.GA-97 (MU2) + the latest patch

Included in this patch

HP 3PAR OS 3.1.2 MU3 P41 includes:

- Issue ID: 103087
- Description: Increases file size accepted by the upgrade process
- Affected Packages: tpd-pm, tpd-prerevert
- Obsoletes: None
- Requires: 3.1.2.484 (MU3)
- Build Version: 3.1.2.596

Affected components

Component	Version
Process Monitor	3.1.2.596 (P41)

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.

Modifications to the HP 3PAR OS

This release addresses the following item:

Issue ID	Description
103087	After application of this patch, HP 3PAR OS 3.1.2 MU3 can be directly upgraded to HP 3PAR OS 3.2.1.

Verifying the patch installation

The installation of Patch 41 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 41 is listed.

```
cli% showversion -a -b
Release version 3.1.2.484 (MU3)
Patches:  P41

Component Name                  Version
CLI Server                      3.1.2.484 (MU3)
CLI Client                      3.1.2.278
System Manager                  3.1.2.484 (MU3)
Kernel                          3.1.2.484 (MU3)
TPD Kernel Code                 3.1.2.484 (MU3)
.
.


Process Monitor                 3.1.2.596 (P41)
...
```

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 from any other system.

After installing the patch, from the Interactive CLI, enter: `showpatch -d P41`. The output of this command provides details about the patch.