

HP 3PAR OS 3.1.3 MU1 Patch 09 Release Notes

This release notes document is for Patch 09 and intended for HP 3PAR Operating System Software 3.1.3.230 (MU1).

HP Part Number: QL226-97960
Published: October 2014
Edition: 1



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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 09. The application of this patch is intended for HP 3PAR OS 3.1.3.230 (MU1). This is a recommended patch.

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 MU1 P09
- Prerequisite: The Service Processor must be at least at release level SP-4.2.0.GA-29 + the latest available patch
- This patch applies to: HP 3PAR OS Release 3.1.3.230 (MU1)
- Obsoletes: HP 3PAR OS 3.1.3.230 (MU1) Patch 08

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 MU1 P09 includes:

- Issue ID: 118279, 114735
- Description: An incorrect alert is resolved by changing the alert to post at the correct node/canister temperature warning level. Also corrects a condition causing file system space warnings by rearranging files on the controller node disks
- Affected Packages: tpd-sysmgr, tpd-nodediskspacereclaim, tpd-prevert
- Obsoletes: OS-3.1.3.230-P08
- Requires: OS-3.1.3.230-MU1
- Build Version: 3.1.3.248

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

Affected components

Component	Version
System Manager	3.1.3.248 (P09)

Modifications to the HP 3PAR OS

NOTE: This patch obsoletes the earlier patch HP 3PAR OS 3.1.3 MU1 P08.

This release addresses the following item:

Issue ID	Description
114735	This patch resolves the issues causing incorrect file system space warnings by rearranging files on the controller node disks.
118279	This patch provides an alert at the correct node or canister warning level temperature.

Verifying the patch installation

The installation of Patch 09 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 09 is listed.

```
cli% showversion -a -b
Release version 3.1.3.230 (MU1)
Patches: P09

Component Name          Version
CLI Server              3.1.3.230 (MU1)
CLI Client               3.1.3.230
System Manager          3.1.3.248 (P09)
Kernel                  3.1.3.230 (MU1)
TPD Kernel Code         3.1.3.230 (MU1)
CIM Server              3.1.3.230 (MU1)
...
```

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.

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

NOTE: If HP 3PAR OS 3.1.3 Patch 06 or HP 3PAR OS 3.1.3 Patch 08 is installed after installing patch 09 (P09), then HP 3PAR OS 3.1.3 Patch 09 must be installed again.
