

HP 3PAR OS 3.1.3 MU2 Patch 16 Release Notes

This release notes document is for Patch 16 and intended for HP 3PAR Operating System Software 3.1.3.262 (MU2) with Patch 13 (P13).

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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 HP 3PAR OS 3.1.3.262 MU2 Patch 16. Patch 16 is only intended to be applied to HP 3PAR OS 3.1.3.262 (MU2) with Patch 13 (P13).

HP 3PAR OS 3.1.3 MU2 Patch 16 is a **recommended** patch.

The installation of this patch affects the following packages:

- tpd-sysmgr
- tpd-prerevert

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 MU2 P16
- Prerequisite: The Service Processor must be at release level SP-4.2.0.GA-29 + the latest available patch
- This patch applies to: HP 3PAR OS Release 3.1.3.262 (MU2) + P13
- Obsoletes: None

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 MU2 P16 includes:

- Issue ID: 128490
- Description: Resolve Common Provisioning Group (CPG) free space calculation issue which causes the Thinly Provisioned Virtual Volumes (TPVV) or snapshots to fail to grow even when there is sufficient space.
- Affected Packages: tpd-sysmgr, tpd-prerevert
- Obsoletes: None
- Requires: OS-3.1.3.262-MU2, OS-3.1.3.262-P13
- Build Version: 3.1.3.286

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

Affected components

Component	Version
System Manager	3.1.3.286 (P16)

Modifications to the HP 3PAR OS

This release addresses the following item:

Issue number	Description
128490	Resolves CPG (Common Provisioning Group) free space calculation issue which stops TPVVs (Thinly Provisioned Virtual Volume) or snapshots growth even when sufficient space is available.

Verifying the patch installation

The installation of Patch 16 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that Patch 16 is listed.

```
cli% showversion -a -b
Release version 3.1.3.262 (MU2)
Patches: P13, P16

Component Name          Version
CLI Server              3.1.3.262 (MU2)
CLI Client              3.1.3.262
System Manager          3.1.3.286 (P16)
Kernel                 3.1.3.262 (MU2)
TPD Kernel Code         3.1.3.262 (MU2)
TPD Kernel Patch        3.1.3.272 (P13)
CIM Server              3.1.3.272 (P13)
.
.
.
```

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.