



Hewlett Packard
Enterprise

HPE 3PAR OS 3.2.2 MU4 Patch 54 Release Notes

Abstract

This release notes document is for Patch 54 and intended for HPE 3PAR Operating System Software 3.2.2.612 (MU4).

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Purpose

HPE 3PAR OS 3.2.2 MU4 Patch 54 addresses an inaccurate minor event log message that appears if there is no cable attached to a disk port on 3PAR 20000 StoreServ Storage systems.

Guidance

- This patch is intended for 3PAR OS 3.2.2 MU4.
- This is a recommended patch.
- HPE 3PAR 20000 StoreServ Storage systems are susceptible to the issues corrected in this patch.

Prerequisites

- SP prerequisite: 4.4.0.GA-58 plus the latest SP patch (if any)
- OS prerequisites: OS-3.2.2.612-MU4

Patch details

Patch ID: P54

Synopsis: Addresses an inaccurate message if no cable is attached to a disk port

Date: January 18, 2017, 08:57:18 PST

Description: See the Release Notes for details about this patch

Affected Packages: tpd-sysmgr, tpd-prerevert

Obsoletes: None

Requires: OS-3.2.2.612-MU4

Build Version: 3.2.2.621

Supports Revert: Yes

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.
-

Modifications

Patch 54 includes the following modification:

Issue ID	Description
194969	Addresses an inaccurate minor event log message that appears if no cable is attached to a disk port on 3PAR 20000 StoreServ Storage systems.

Affected components

Component	Version
System Manager	3.2.2.621 (P54)

Verification

The installation of P54 can be verified from an interactive CLI session. Issue the CLI command `showversion -a -b` to verify that P54 is listed:

```
cli% showversion -a -b
Release version 3.2.2.612 (MU4)
Patches: P54

Component Name          Version
CLI Server              3.2.2.612 (MU4)
CLI Client              3.2.2.612
System Manager          3.2.2.621 (P54)
Kernel                  3.2.2.612 (MU4)
TPD Kernel Code         3.2.2.612 (MU4)
TPD Kernel Patch        3.2.2.612 (MU4)
```

Websites

General websites

Hewlett Packard Enterprise Information Library

www.hpe.com/info/EIL

Single Point of Connectivity Knowledge (SPOCK) Storage compatibility matrix

www.hpe.com/storage/spock

Storage white papers and analyst reports

www.hpe.com/storage/whitepapers

For additional websites, see [Support and other resources](#).

Support and other resources

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
<http://www.hpe.com/assistance>
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
<http://www.hpe.com/support/hpesc>

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
- To download product updates:

Hewlett Packard Enterprise Support Center

www.hpe.com/support/hpesc

Hewlett Packard Enterprise Support Center: Software downloads

www.hpe.com/support/downloads

Software Depot

www.hpe.com/support/softwaredepot

- To subscribe to eNewsletters and alerts:

www.hpe.com/support/e-updates

- To view and update your entitlements, and to link your contracts and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:

www.hpe.com/support/AccessToSupportMaterials

 **IMPORTANT:**

Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HPE Passport set up with relevant entitlements.

Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

<http://www.hpe.com/support/selfrepair>

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

If your product includes additional remote support details, use search to locate that information.

Remote support and Proactive Care information

HPE Get Connected	www.hpe.com/services/getconnected
HPE Proactive Care services	www.hpe.com/services/proactivecare
HPE Proactive Care service: Supported products list	www.hpe.com/services/proactivecaresupportedproducts
HPE Proactive Care advanced service: Supported products list	www.hpe.com/services/proactivecareadvancedsupportedproducts

Proactive Care customer information

Proactive Care central	www.hpe.com/services/proactivecarecentral
Proactive Care service activation	www.hpe.com/services/proactivecarecentralgetstarted

Warranty information

To view the warranty for your product, see the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products* document, available at the Hewlett Packard Enterprise Support Center:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional warranty information

HPE ProLiant and x86 Servers and Options	www.hpe.com/support/ProLiantServers-Warranties
HPE Enterprise Servers	www.hpe.com/support/EnterpriseServers-Warranties
HPE Storage Products	www.hpe.com/support/Storage-Warranties
HPE Networking Products	www.hpe.com/support/Networking-Warranties

Regulatory information

To view the regulatory information for your product, view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at the Hewlett Packard Enterprise Support Center:

www.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional regulatory information

Hewlett Packard Enterprise is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at:

www.hpe.com/info/reach

For Hewlett Packard Enterprise product environmental and safety information and compliance data, including RoHS and REACH, see:

www.hpe.com/info/ecodata

For Hewlett Packard Enterprise environmental information, including company programs, product recycling, and energy efficiency, see:

www.hpe.com/info/environment

Documentation feedback

Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (**docsfeedback@hpe.com**). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.