



IBM System Storage with ProtecTIER Software

Release Notes

Bash Vulnerability Shellshock fix





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Release notes

These release notes are for IBM System Storage with ProtecTIER Software.

Release date: October 9, 2014.

Introduction

This “customer specific patch” come to solve the following bugs in RedHat 5.6, it will have **no effect over the ProtecTIER Software version.**

Shellshock bug: CVE-2014-6271 Tavisio bug : CVE-2014-7169 Redir_stack bug: CVE-2014-7186 Lcamtuf bug: CVE-2014-6277

All ProtecTIER models using version V3.3.x.x, V3.2.x.x and V3.1.x.x can install this fix. Where x.x means any newer version.

Prerequisites

For V3.3.x.x

Copy released package “PT_MD5_Bash_Upgrade_V3.3.99.Shellshock.x86_64.tar” to “/install/new” directory on your ProtecTIER server.

For V3.1.x.x and V3.2.x.x

Copy released package “PT_MD5_Bash_Upgrade_V3.3.99.Shellshock.x86_64.tar” to “/install/” directory on your ProtecTIER server.

Installation

There are two installation instructions one for systems running V3.3.x.x and one for systems running V3.1.x.x and V3.2.x.x. Please use the appropriate installation instructions.

For V3.3.x.x

1. Copy package to /install /new
2. Open the menu

menu

3. Select the ProtecTIER Configuration (...) option. Type the corresponding number and press <Enter>. The ProtecTIER Configuration (...) menu is
4. Select the Single Node - code upgrade (For Support Use ONLY) option.

Type the corresponding number and press <Enter>.

5. Type y to install PT_MD5_Bash_Upgrade_V3.3.99.Shellshock.x86_64.tar

Note: running regular upgrade from menu will fail. Please notice that this procedure is for Single Node. For a clustered environment please perform this installation instructions one at a time on each node.

For V3.1.x.x and V3.2.x.x

1. Copy package to /install/ dir:
cp PT_MD5_Bash_Upgrade_V3.3.99.Shellshock.x86_64.tar /install/.

2. Chang directory to install:

cd /install/

3. Open tar package:

tar -xvf PT_MD5_Bash_Upgrade_V3.3.99.Shellshock.x86_64.tar

4. Chang directory into the open package:

cd PT_MD5_Bash_Upgrade_V3.3.99.Shellshock.x86_64

5. Open the second tar file

tar -xvf PT_Bash_Upgrade_V3.3.99.Shellshock.x86_64.tar

6. Chang directory into the second open tar file:

cd PT_Bash_Upgrade_V3.3.99.Shellshock.x86_64

7. Install package:

./autorun -f



The package will immediately install the fix and the system will be protected after successful installation. There is no need to reboot the system.

In order to check successful installation, please run the following command in a ProtecTIER server command line (copy paste the exact syntax).

```
if [[ $(rpm -qa | grep bash) != bash-3.2-33.el5_11.4 ]];then echo "Vulnerable"; else echo "Protected";fi
```

If the result is "Protected" the patch was installed correctly

Otherwise :

if the result is "Vulnerable" the patch was not installed



Additional documentation

- None



Documentation format

The publications for this product are in Adobe Portable Document Format (PDF) and should be compliant with accessibility standards.

If you experience difficulties when you use the PDF files and want to request a web-based format or accessible PDF document for a publications, send a request by email to starpubs@us.ibm.com. In the request, be sure to include the IBM publication number and title.

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