



IBM System Storage with ProtecTIER Software

## Release Notes

Leap Second vulnerability fix





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## Release notes

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

Release date: February 10, 2015

## Introduction

This CSP come to solve the following bugs in RedHat 5.6,  
it will have **no effect over the ProtecTIER Software version.**

Leap Second bug: <https://access.redhat.com/articles/15145>

All ProtecTIER models using version V3.3.x.x, V3.1.8 - V3.1.17 and V1.2.1x can install this fix.

## Prerequisites

For V3.3.x.x

Copy package "PT\_MD5\_Leap\_Second\_PSIRT\_V3.3.99.Lean\_Second.x86\_64.tar" to  
"/install/new/"

For V3.1.8 - V3.1.17 and V1.2.1x

Copy package "PT\_MD5\_Leap\_Second\_PSIRT\_V3.3.99.Lean\_Second.x86\_64.tar" to "/install/"

## Installation

### For V3.3.x.x

1. Copy package to `/install/new/` directory.
2. Open the menu by:  

```
# menu
```
3. Select "ProtecTIER Configuration (...)".  
Type the corresponding number and press <Enter>.
4. Select "Single Node - code upgrade (For Support Use ONLY)".  
Type the corresponding number and press <Enter>.
5. Type `y` to install `PT_MD5_Leap_Second_PSIRT_V3.3.99.Leap_Second.x86_64.tar`
6. The vulnerability fix will be activated upon server reboot only.

Note: The vulnerability fix could only be implemented by using "Single Node - code upgrade..." from the RAS menu.

### For V3.1.8 - V3.1.17 and V1.2.1x

1. Copy package to `/install/` dir:  

```
# cp PT_MD5_Leap_Second_PSIRT_V3.3.99.Leap_Second.x86_64.tar /install/.
```
2. Change directory to install:  

```
# cd /install/
```
3. Open tar package:  

```
# tar -xvf PT_MD5_Leap_Second_PSIRT_V3.3.99.Leap_Second.x86_64.tar
```
4. Change directory into the open package:  

```
# cd PT_MD5_Leap_Second_PSIRT_V3.3.99.Leap_Second.x86_64
```
5. Open the second tar file  

```
# tar -xvf PT_Leap_Second_PSIRT_V3.3.99.Leap_Second.x86_64.tar
```
6. Change directory into the second open tar file:  

```
# cd PT_Leap_Second_PSIRT_V3.3.99.Leap_Second.x86_64
```
7. Install package:  

```
# ./autorun -f
```
8. The vulnerability fix will be activated upon server reboot only.



## Documentation format

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