

TotalStorage Productivity Center for
Replication V3.3.3.8



Release Notes

Version 3 Release 3.3.8

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Note

Before using this information and the product it supports, read the information in "Notices," on page 5.

First Edition (December 2008)

This edition applies to the IBM TotalStorage Productivity Center for Replication V3.3.3 release and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this release

This document contains the release notes in support of TotalStorage® Productivity Center for Replication V3.3.3.

Prerequisites

Prerequisites for this release are the same as for TotalStorage Productivity Center for Replication V3.3.3.

Fixes

This section describes current fixes for the product.

An issue was found affecting the Recover processing of ALL TotalStorage Productivity Center for Replication sessions that use Global Mirror.

This issue might affect users who have Global Mirror sessions as part of their solution. Global Mirror sessions include the following:

- Global Mirror Single Direction
- Global Mirror Failover/Failback
- Global Mirror Failover/Failback with Practice
- Metro Global Mirror

A severe issue has been identified during the processing of a Recover command, in which consistency group formation for a Global Mirror session is stopped or abruptly terminated. This problem might result in TotalStorage Productivity Center for Replication incorrectly reverting the FlashCopy® relationships. Although this is an unusual event, it is strongly encouraged that all users running Global Mirror apply this fix to ensure that the Recover process provides data consistency across the session.

Errors during a Recover or Flash of a TotalStorage Productivity Center for Replication Global Mirror session caused the TotalStorage Productivity Center for Replication server either to stop responding, or to remain stuck in a Recovering or Flashing state.

This issue was addressed by APAR IC59152.

In previous releases, an error during the Recover or Flash command of a TotalStorage Productivity Center for Replication Global Mirror session caused the TotalStorage Productivity Center for Replication server to do one of the following:

- Stop responding
- Remain in a Recovering or Flashing state

When the Recover or Flash experienced an error (for example, failure to perform a failover because of a limited number of logical paths from the secondary site back to the primary site) and also had a configuration in which an H1 storage system had targets on multiple I2 storage systems, then an internal error prevented TotalStorage Productivity Center for Replication from updating the pair states. This caused TotalStorage Productivity Center for Replication to continually loop on actions, in an attempt to recover the session and remain in the Recovering or Flashing state. With this fix, TotalStorage Productivity Center for Replication will more efficiently handle errors during the Recover or Flash process, so that you can issue a new Recover or Flash, and take the appropriate manual actions to ensure the data is consistent.

Start H2->H1 for a TotalStorage Productivity Center for Replication Global Mirror Failover/Failback with Practice session might cause a full copy from H2 back to H1.

In previous releases, the Global Mirror Failover/Failback with Practice session would perform a full copy after doing the following:

- Recovering to the secondary site
- Issuing a **Start H2->H1** command

This fix resolves a known issue with the **Start H2->H1** command. It prevents a full copy, and only updates the tracks that have been modified on the H2 or H1 volumes.

Appendix. Notices

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