Tiger BRIDGE

Tiger Bridge 3.5.1 Release Notes

This document provides release information for Tiger Bridge version 3.5.1. It discusses new features in this release as well as fixed and unresolved known issues.

What's New in Version 3.5.1

Support for Reparse Point Objects

With version 3.5.1 Tiger Bridge can manage reparse point objects on the source. As a result you can benefit from Windows data deduplication.

Retrieving Files from Tape Drive in Manual Mode

To prevent cases in which nearline data on a tape loaded in a drive in manual mode becomes inaccessible to Tiger Bridge, version 3.5.1 allows such data to be retrieved manually or on demand. Still, you should take care not to retrieve data while exploring the tape's contents in the Drive Browser as this can lead to data corruption.

Fixes in Tiger Bridge 3.5.1

Tape Support Fixes

Version 3.5.1 provides the following fixes on tape targets:

• the interface of the Tape Management application has improved speed, including the loading of data in the Drive Browser.

• improved speed when retrieving data from a tape target.

• you can now preview the contents of a tape, which has been finalized in the Drive Browser.

• optimized memory usage when accessing and managing data on a finalized tape.

• simultaneously replicate data through one drive in the tape library and retrieve data through another in the same library.

• retrieve a file from a tape loaded in a drive, which is not first in the list detected by Tiger Bridge.

• manually initiated Tiger Bridge operations (replicate file, retrieve file, etc.) take precedence over automatically scheduled operations.

Displaying the Properties Dialog for Folders Managed by Tiger Bridge

Version 3.5.1 resolves a problem, which could prevent the operating system from displaying the Properties dialog of a folder managed by Tiger Bridge.

Upgrading to Tiger Bridge 3.5.1

To upgrade Tiger Bridge to this new version, you should simply run the installation of version 3.5.1 on the computer running Tiger Bridge. All configuration settings will be preserved after the upgrade.

In order to ensure that all features of your license are kept after the upgrade to version 3.5.x, it is advisable to repeat the activation steps anew, following the procedures described in the Tiger Bridge Administration Guide.

New Known Issues

Compatibility with Tapes Used by Tiger Bridge before Version 3.5

The workflow for migrating from the tape format used in Tiger Bridge 3.1.8 and below to the proprietary LTFS format introduced in version 3.5 includes reformatting your tapes in the Tape Management application. As the format operation erases all content on the tape, to keep all already replicated files and make them usable through Tiger Bridge, instead of reformatting your tapes, you can adjust the tape plug-in identificators in the file system of your sources by executing the following command in command prompt:

Warning: *Make sure you execute the command below only on sources paired with tapes formatted for use with Tiger Bridge 3.1.8 and below. Executing the command on a source paired with a different target type, can break the link between replicated data on the source and files on the target.*

```
tiercli utils set_target <path to source> tape
```

View File Statistics About Tapes Used with Tiger Bridge 3.1.8 and Below

The Tape Management application cannot displays statistics about total number of files, the number of old files and wasted space for tapes formatted for use with Tiger Bridge 3.1.8 and below.

Unresolved Known Issues

Exiting Manual Drive Mode in the Tape Management Application

Although there is a default timeout of 24 hours for automatically switching the drive mode from manual to auto if no activity is detected in the Tape Management application, in some cases this timeout is not taken into consideration and you will have to manually switch the drive mode.

Using Versioning Software on Azure Append/Page Blob

When using versioning on Microsoft Azure append or page blob as a target, you should keep in mind that the first version of each file is not kept and the second version overwrites it. From the second version onwards versioning works as expected on Azure append and page blobs.

A workaround to the problem is to introduce an insignificant change to the file after it has been initially replicated on the Azure append/page blob (such as an added interval at the end of a text document, for example) in order to trigger versioning for that file from that change onwards.