

Tiger BRIDGE

Tiger Bridge 3.5.3 Release Notes

- What's New in Version 3.5.3 2*
- Fixes in Tiger Bridge 3.5.3 2*
- Upgrading to Tiger Bridge 3.5.3 3*
- Unresolved Known Issues 3*

This document provides release information about Tiger Bridge version 3.5.3. It discusses new features in this release as well as fixed and unresolved known issues.

What's New in Version 3.5.3

Support for Amazon S3 Access Key Rotation

With version 3.5.3 you can set Tiger Bridge to update the access key of the IAM user whose credentials you are using for access to the bucket(s) once a week. For the purpose you must first create an Amazon S3 policy that allows IAM users to rotate their own access keys, signing certificates, service specific credentials, and passwords.

Important: *If Tiger Bridge is deployed for geo replication, to allow successful access key rotation on each computer running Tiger Bridge you must specify a different IAM account for access to the same bucket(s).*

Support for Amazon S3 Transfer Acceleration

Tiger Bridge 3.5.3 adds support for Amazon S3 transfer acceleration. For information about pairing a source with an acceleration-enabled bucket, refer to the Tiger Bridge 3.5.3 Administration Guide.

Pause and Resume All Automatic Tiger Bridge Operations

By default, in Tiger Bridge 3.5.3 all automatic data lifecycle management mechanisms are paused. The graphic user interface allows you to pause and resume all automatic operations at any time. For more information refer to the Tiger Bridge 3.5.3 Administration Guide.

Support for Proxy Server

With version 3.5.3 you can set Tiger Bridge up to access Amazon S3 and Microsoft Azure targets using a proxy server, already set up on your network. For more information refer to the Tiger Bridge 3.5.3 Administration Guide.

Fixes in Tiger Bridge 3.5.3

Listing Buckets on Target

With version 3.5.3 if the account you specify for access to your object storage target does not have sufficient permissions to list all buckets, Tiger Bridge lets you manually enter the name of the bucket for which this account has permissions and pair it with the source.

Reclaiming Space on Replicated Files Missing from the Target

If for some reason a replicated file is missing from the target, but you attempt to reclaim space on the source by replacing this file with a nearline file, Tiger Bridge automatically replicates the file anew and after that reclaims space on the source.

Upgrading to Tiger Bridge 3.5.3

To upgrade Tiger Bridge to this new version, you should simply run the installation of version 3.5.3 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.

Unresolved 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 identifiers 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.

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.