

Tiger BRIDGE

Tiger Bridge 3.6 Release Notes

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This document provides release information for Tiger Bridge version 3.6. It discusses new features in this release as well as fixed and unresolved known issues.

What's New in Version 3.6

Retrieve Offline Files

With version 3.6 besides rehydrating offline files from the archival tier of your target, you can select to retrieve them to the source using the shell extension or the command-line interface. When you retrieve an offline file or folder, it is first rehydrated to an intermediate tier of your target (the cool tier of Azure or the temporary storage of S3 Glacier, for example) and from there is automatically retrieved on the source.

To prevent additional costs, automatic retrieval of offline files - when a user or application attempts to open them on the source, is not supported.

Support for Amazon S3 Storage Classes

When specifying the access to your Amazon S3 object storage, you can select the storage class to which Tiger Bridge to replicate data directly, choosing from:

- S3 Standard
- S3 Intelligent-Tiering
- S3 Standard-IA
- S3 One Zone-IA
- S3 Glacier
- S3 Glacier Deep Archive

By default, if you do not select a specific storage class to be used, Tiger Bridge uses S3 Standard-IA.

If you select S3 Glacier or S3 Glacier Deep Archive, files replicated from the source are sent to the archival S3 storage without passing through any intermediate tier, which removes the need to specify a separate archiving policy. To free space on your source, you should configure space reclaiming policy instead. In this case, files on the source are not replaced by nearline stubs, but by offline files and should you attempt to retrieve them on the source, they will first be rehydrated to the temporary folder of S3 Glacier.

For more information, refer to the Tiger Bridge Administration Guide.

Support for Amazon Archive Retrieval Options

When specifying the access to your Amazon S3 object storage, you can select how data should be retrieved from the archival tier (S3 Glacier or S3 Glacier Deep Archive), choosing from the following options:

- Standard
- Bulk
- Expedited

Note: *Expedited retrieval is not supported from S3 Glacier Deep Archive.*


For more information, refer to the Tiger Bridge Administration Guide.

Keeping Track of Capacity Usage

With version 3.6 you can keep track of the capacity of data managed by Tiger Bridge. Use the Tiger Bridge Configuration to check overall amount of managed data or the amount of managed data per source.

For more information, refer to the Tiger Bridge Administration Guide.

Offline Folder Definition Change

In Tiger Bridge 3.6 a folder is displayed with an Offline icon  when it contains at least one offline file (a file residing solely on the archival tier of your target), even if the folder contains replicated and nearline files as well.

Updated System Requirements

The following TCP ports must not be blocked by the firewall on the Tiger Bridge computer or the computer managing the inbound and outbound traffic on your network:

- (for communication with object storage target over http connection) 80 - outbound rule only
- (for SaaS activation and/or communication with object storage target over https) 443 - outbound rule only
- (for communication with SMB network share target) 445 - outbound rule only
- 8536 - inbound and outbound rules
- 8537 - inbound and outbound rules

Additionally, if the Tiger Bridge computer runs Microsoft Windows® 7/Server 2008 R2, it must run at least Service Pack 1 and have the KB976932 and the KB3033929 security updates installed.

For full system requirements, refer to the latest version of the Tiger Bridge Administration Guide.

Upgrading to Tiger Bridge 3.6

To upgrade Tiger Bridge to this new version, you should simply run the installation of version 3.6 on the computer running Tiger Bridge. All configuration settings will be preserved after the upgrade.

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

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.