



Tiger Bridge 5.0 Release Notes

[What's New](#)

[Upgrading to Tiger Bridge 5.0](#)

[New Known Issues](#)

[Unresolved Known Issues](#)

July 25, 2022

This document provides release information about version 5.0 of Tiger Bridge. It discusses new features as well as fixed and unresolved known issues in this release.

What's New

Tiger Bridge Explorer

The Tiger Bridge Explorer is a graphic interface browser, which allows you to explore the contents of your sources filtering the results by source, data status and target tier. You can download the results displayed for a browsed path as a list in a text file.

You can also use the Tiger Bridge Explorer to perform manual lifecycle operations, including bulk operations on multiple files with the same status. You can also quickly open a browsed path in Windows Explorer.

Advanced Monitoring

Version 5.0 focuses on providing you with multilevel options for monitoring the status of Tiger Bridge, managed data and operations:

- Tiger Bridge tray icon – as a first-level interface, the tray icon status gives you information about Tiger Bridge (running, paused, not activated) and the status of the automatic replication queue (complete, running, failed).
- File and folder icon overlays – version 5.0 introduces a new set of icon overlays covering more data states including transitional ones (queued for replication and failed replication, for example). The new set of overlays also distinguishes between the expected monitoring purposes depending on whether you have configured your sources with automatic replication (allowing you to easily locate data that is not yet replicated) or without automatic replication (allowing you to easily locate data that you have manually replicated).

Note: You can configure Tiger Bridge to use the icon overlays with their legacy states.

- The Tiger Bridge Configuration – selecting a source in the Configuration shows you the percentage of replicated data on it and lets you to easily open the Bridge tab of the source's Properties dialog and view more detailed information about data in the source folder.
- Event Viewer – Tiger Bridge 5.0 provides improved integration with Windows Event Viewer and pops up a system message about the status of each manually performed operation.
- Properties dialog in Windows Explorer – the Bridge tab now displays statistics about the root of a source volume.
- Source folder icon in Windows Explorer – Tiger Bridge displays a folder configured as a source with a Tiger Bridge logo icon to let you easily distinguish between source folders and other folders in Windows Explorer.

Note: When the root of a volume is configured as a source, the default volume icon is displayed.

Versioning Policy

With Tiger Bridge 5.0 you can control the number of replicated versions of the same file on the target. By configuring a Versioning policy, you can limit the number of file copies kept on the target using either of the following two parameters:

- Deletes all copies that are older than a specified time interval.
- Deletes all copies exceeding a specified number, starting from the oldest ones.

For more details about adding and configuring a Versioning policy, refer to the Tiger Bridge 5.0 Guide.

Soft Delete Policy

To allow you to undelete data from your source, when it is paired with a target that does not support versioning, Tiger Bridge 5.0 introduces a Soft Delete policy. The policy configures by how long to offset the synchronization of the file deletion on the target. Within that time interval, you can manually undelete any file.

Revert File Modifications

Using the Tiger Bridge shell extension context menu, you can easily revert a modified file on your source to its last replicated state.

Manually Replicate Data to a Selected Tier on AWS S3 and Azure Targets

With version 5.0 when replicating data manually through the Tiger Bridge shell extension you can select the target tier to which to replicate it.

Support for New Targets

With Tiger Bridge 5.0 you can use ORockCloud and Symply NEBULA as data replication targets. For specific prerequisites, refer to the Tiger Bridge 5.0 Administration Guide.

Support for AWS S3 Glacier Instant Retrieval Storage Class

Tiger Bridge 5.0 adds support for S3 Glacier Instant Retrieval storage class. You can use it as default storage class for automatic replication or replicate data manually directly to it using the Tiger Bridge shell extension.

Support for Windows® 11/Server 2022

You can install Tiger Bridge 5.0 and any of its add-ons on computers running Microsoft Windows 11/Server 2022.

Support for Azure Blob Versioning

With version 5.0 you can use both Azure blob snapshots and blob versioning, when you want to benefit from the Tiger Bridge versioning and Undelete functionalities.

Dropped Support for AWS Access Key Rotation

To use Tiger Bridge 5.0 with an AWS target, access key rotation must be disabled.

Upgrading to Tiger Bridge 5.0

To upgrade Tiger Bridge to this new version, you should simply run the installation of version 5.0 on the computer running Tiger Bridge. All configuration settings will be preserved after the upgrade.

New Known Issues

Displaying the Tiger Bridge Tray Icon

In some cases, after upgrading to version 5.0 the Tiger Bridge tray icon may not show initially. To resolve the problem, you should either restart the computer one more time after the upgrade or manually start it by double-clicking tier_tray.exe in the Tiger Bridge installation folder.

Using the Command-line Interface to Activate a SaaS License with New Credentials

If you have changed the credentials of your SaaS order and need to re-activate Tiger Bridge using the command-line interface, before executing the activation command with the new credentials you must deconfigure the license using the following command:

```
tiercli license saas deconfigure
```

When re-activating your SaaS license in the Configuration, you should simply enter the new credentials in the Activation dialog.

Unresolved Known Issues

Deleting Files from the Target When the Source is a Folder

Normally, regardless of the replication target type, as long as the “Delete replica when source file is removed” option is enabled, when you delete one or more files from your source, they are also deleted from the target. When this option is enabled and your target is a local volume or a network share, a deleted folder on your source will not be deleted from the target, unless you permanently delete it from the source i.e., empty the Recycle Bin. With object storage targets, a folder moved to the Recycle Bin or permanently deleted is also deleted from the target, only if the whole volume is configured as a source. If the source is just a folder on a volume, the folder will not be deleted from the object storage target.

Retrieving Offline Files from Google Cloud

Unlike other cloud targets, offline files stored on a Google Cloud target are directly retrieved on the source when you attempt to open them or to manually rehydrate them.

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.