

# Tiger BRIDGE

## Tiger Bridge 4.1 Release Notes

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This document provides release information for Tiger Bridge version 4.1. It discusses new features in this release as well as fixed and unresolved known issues.

## What's New in Version 4.1

### Remote Shell Extension Access to Sources

With version 4.1 the Tiger Bridge Shell Extension is also distributed as a separate component. You can install it on a Windows computer and allow any user with administrative privileges for the computer to perform manual Tiger Bridge operations on NAS sources or local sources, exported as a network shares.

For specific requirements and setup procedures, refer to the Tiger Bridge 4.1 Administration Guide.

### Malware Protection of Replicated Files

Tiger Bridge 4.1 lets you prevent the replication of files, which have been encrypted on your source due to a malware attack. When the number of files queued to be re-replicated on the target, because they have been modified, exceeds a threshold specified by you, Tiger Bridge automatically pauses all scheduled operations.

For more information about enabling and configuring the malware protection mechanism, refer to the Tiger Bridge 4.1 Administration Guide.

### NAS Source Improvements

With version 4.1 when a replicated file on a NAS source is replaced by a nearline or offline file, Tiger Bridge creates a placeholder file with .reclaimed extension on the NAS source itself as an indicator that a stub file is present in the source's control folder.

When you restore a version of a file on a NAS source, it is automatically retrieved on the source. Additionally, the security descriptors of files on a NAS source are preserved when they are replicated on a cloud storage target.

### Manage File and Folder Versions Improvements

Version 4.1 adds the following improvements to Tiger Bridge's file and folder versions management mechanism:

- you can restore a whole folder or just a selected file to its version before a selected date and time, also choosing to automatically retrieve on the source each restored version as well as to add a copy of each restored version as the newest on the target.

- you can select to delete all older versions or just selected ones against a timestamp analysis
- you can select to delete all newer versions or just selected ones against a timestamp analysis

For more information about enabling and configuring the malware protection mechanism, refer to the Tiger Bridge 4.1 Administration Guide.

## Undeleting a Selected File or Folder Only

In contrast to previous Tiger Bridge versions, in which when you wanted to undelete a file on your source, you had to also undelete all other files in the same folder, version 4.1 allows you to select the file, which to undelete.

## Support for OpenStack Swift Target

Tiger Bridge 4.1 allows you to pair a source with a OpenStack Swift cloud storage target. For storage requirements and setup procedures, refer to the Tiger Bridge 4.1 Administration Guide.

## Checking for Newer Software Updates

The Tiger Bridge Configuration of version 4.1 allows you to check for newer version of the software. If a newer version is available, it automatically redirects you to the web page, from which to download it.

## Upgrading to Tiger Bridge 4.1

To upgrade Tiger Bridge to this new version, you should simply run the installation of version 4.1 on the computer running Tiger Bridge. All configuration settings will be preserved after the upgrade.

## Unresolved Known Issues

### 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.

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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.