Tiger SP⋀CES

Tiger Spaces 4.6 Release Notes

This document provides release information for Tiger Spaces version 4.6. It discusses new features and best practices in this release as well as fixed and new known issues.

What's New in Version 4.6

Tiger Bridge Support Improvements

Support for Tiger Bridge on Network Shares

Using Tiger Spaces 4.6 you can manage with Tiger Bridge the lifecycle of data in workspaces stored on network shares. For prerequisites and configuration steps, refer to the Tiger Spaces 4.6 User's Guide.

Note: *To manage workspaces stored on network shares, you must run Tiger Bridge 4.1 or later.*

Improved Tiger Bridge Integration

With version 4.6 you can perform the following Tiger Bridge operations directly through the Tiger Spaces web interface:

• add or remove the depot on a volume/share as a source

• pair a source with a target

• configure global replication policy or overwrite it for a specific pair of source and target

• configure a workspace as a location, excluded from Tiger Bridge replication

• perform manual data lifecycle operations on a workspace - manually replicate or archive data, reclaim space, retrieve data from the target, rehydrate data from the archive.

• monitor the Tiger Bridge status of a workspace - replicated, archived, reclaimed

• view Tiger Bridge statistics about data

Support for macOS Monterey on Tiger Spaces Clients

You can install version 4.6 of the Tiger Spaces client driver on computers running Intel-based macOS Monterey (64-bit).

Important: *Currently, Tiger Spaces does not provide support for computers running the Apple M1 chip. You can install the Tiger Spaces client driver on a maOS Big Sur computer, only if it is Intel-based.*

Support for macOS Big Sur on Tiger Spaces Clients

You can install version 4.6 of the Tiger Spaces client driver on computers running Intel-based macOS Big Sur (64-bit).

Important: *Currently, Tiger Spaces does not provide support for computers running the Apple M1 chip. You can install the Tiger Spaces client driver on a maOS Big Sur computer, only if it is Intel-based.*

Compatibility with Mac OS X Mavericks

The installation file of Tiger Spaces Client 4.6 for macOS is not supported on Mac OS X Mavericks/Mavericks Server. Still, you can use Mac OS X Mavericks/Mavericks Server with Tiger Spaces 4.6 as long as the client computer runs Tiger Spaces Client 4.5. That is why, once you upgrade your Tiger Spaces server to version 4.6, the Downloads page contains one installation file for Tiger Spaces Client 4.6 for macOS platform and one for Tiger Spaces Client 4.5, which should be used on computers running Mac OS X Mavericks/Mavericks Server.

Activate Tiger Spaces with a SaaS License

With version 4.6 you can activate the product using software as a service (SaaS) license. For specific steps, refer to the Tiger Spaces 4.6 User's Guide.

Displaying Workspaces' List in Grid View

With version 4.6 you can switch the list of workspaces between list and grid view. Grid view displays each workspace with a thumbnail, showing a distinctive image, allowing you to more easily discern between workspaces. For details about configuring the image displayed in a workspace's thumbnail in grid view, refer to the Tiger Spaces 4.6 User's Guide.

Workspace Menu

The workspace menu ••• available in the listing of a workspace in both list view and grid view provides you with quick access to the following workspace commands:

• move workspace

• export workspace

• delete workspace

• rename workspace

• exclude workspace from automatic Tiger Bridge replication

• perform manual Tiger Bridge operations on a workspace

Automatically Select Volume/Share of New Workspaces

With version 4.6, when creating a new workspace, you can let Tiger Spaces automatically select the volume/networks share with most free space on which to store the workspace.

Dropped Support for Internet Explorer

You cannot access the web interface of Tiger Spaces using Internet Explorer web browser. The web interface is accessible with most other web browsers as long as JavaScript is enabled on them.

Fixed Known Issues in Version 4.6

Hiding the Workspaces Depot on a Network Share in Domain Environment

When Tiger Spaces 4.6 is deployed in Active Directory domain environment, should you enable Tiger Spaces support on a network share, the folder containing the workspaces depot will be hidden in Windows Explorer on computers accessing the share.

Accessing the Tiger Spaces Client Menulet from macOS

Version 4.6 resolves a problem, which could prevent macOS Tiger Spaces client computers from accessing the Tiger Spaces client menulet.

Upgrading to Tiger Spaces 4.6

Upgrading from Tiger Spaces 4.x

Note: *To upgrade to the new version on a Tiger Store appliance, contact Tiger Technology support for assistance.*

To upgrade to version 4.6, you must simply run the new installation on the computer running Tiger Spaces or Tiger Spaces Client. Once you upgrade your Tiger Spaces server to version 4.6, its Downloads page will display the 4.6 installation files for the Tiger Spaces Client on all supported operating systems.

Important: *The Tiger Spaces Client 4.6 installation file for macOS is not supported on Mac OS X Mavericks/Mavericks Server. To ensure compatibility with version 4.6, Mac OS X Mavericks/ Mavericks Server must run version 4.5. For more information refer to "Compatibility with Mac OS X Mavericks" on page 3.*

When upgrading from Tiger Spaces version 4.2 or below, you also need to configure the access to the database server and the high availability settings (if you are deploying Tiger Spaces with high availability), following the steps below.

When you upgrade Tiger Spaces 4.x to version 4.6 all workspaces, users and settings are preserved as long as you choose to re-use your current Tiger Spaces database.
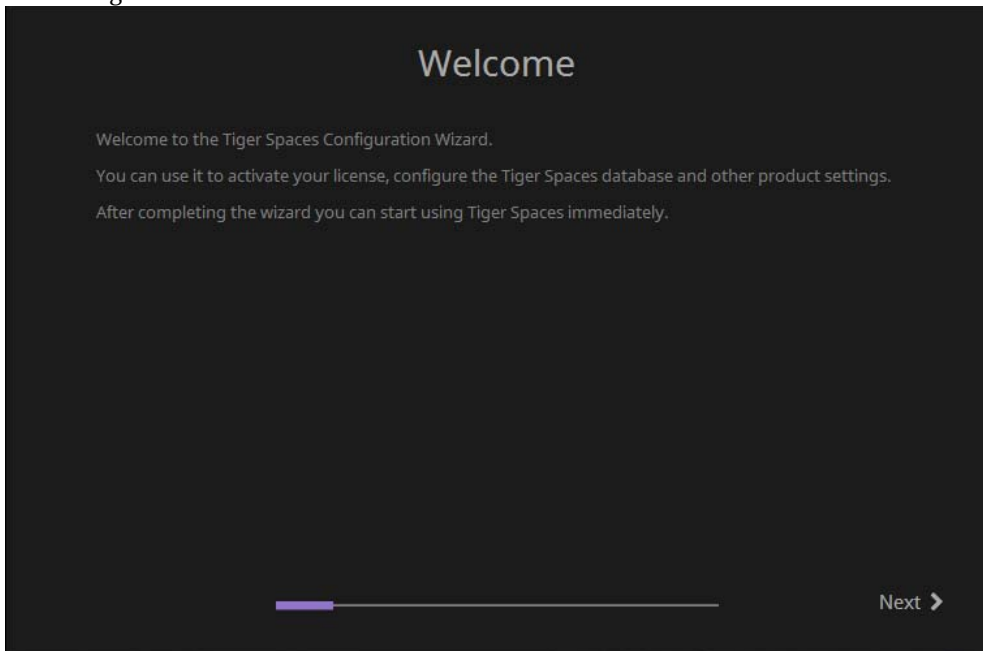
Note: *If you decide to assign another computer as a database server, in order to deploy Tiger Spaces with high availability, for example, to preserve your current Tiger Spaces database you must migrate it to the new database server computer, following the instructions provided in the documentation of SQL Server.*

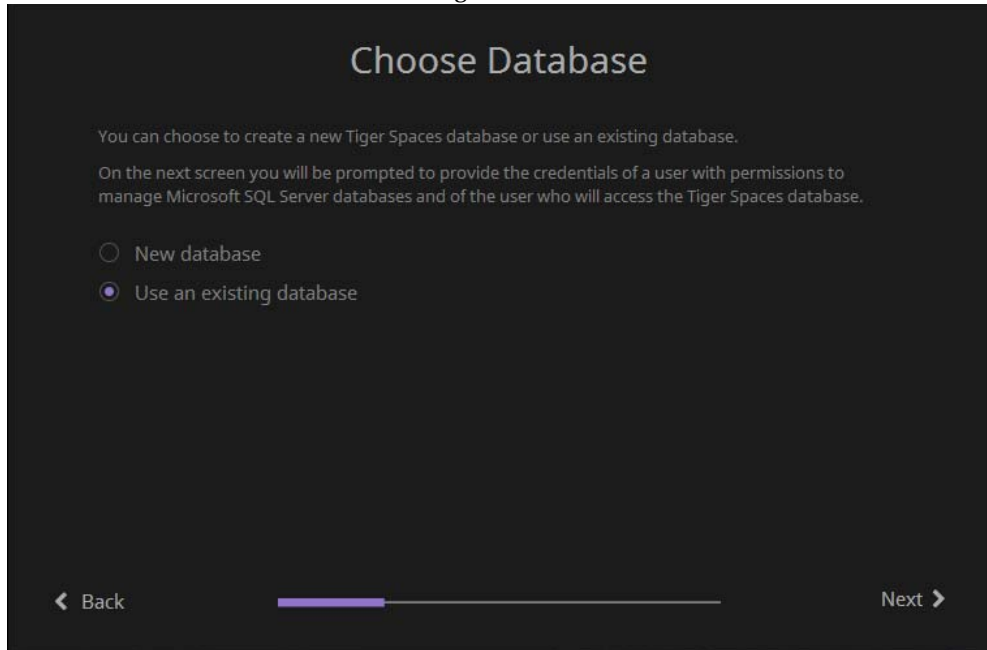### To upgrade Tiger Spaces 4.x to version 4.6:

Important: *If you are upgrading Tiger Spaces on a Tiger Store with two server nodes, repeat the steps below on each of the nodes.*

1. Install Tiger Spaces 4.6 on the server.

2. (optional, for high availability) Install the SQL Server 2016 Express configured for Tiger Spaces installer on the computer designated as a database server.

3. (optional, if you assign another computer as a database server) Migrate your current Tiger Spaces database on the new database server, following the instructions provided in the documentation of SQL Server.

4. Access the Tiger Spaces Configuration Wizard, by entering the following in a web browser:
   `https://[IP address of the computer/node running Tiger Spaces]/config`

   For example, if the computer running Tiger Spaces server has IP address 10.200.6.29, in the address bar of a web browser enter the following:
   `https://10.200.6.29/config`

   The Configuration Wizard starts.

5. In Choose Database, select "Use an existing database" and click Next.

6. In the next screen enter the following in the respective fields:

Connect to the Database Server

Database Server: Enter database server name or IP address

Database name: Enter database name

Provide the name and password of a user who will be used to access the Tiger Spaces database.

Spaces database username: Enter Tiger Spaces database user

Password:

Verify

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• In Database Server, enter the IP address of the computer assigned as a database server:
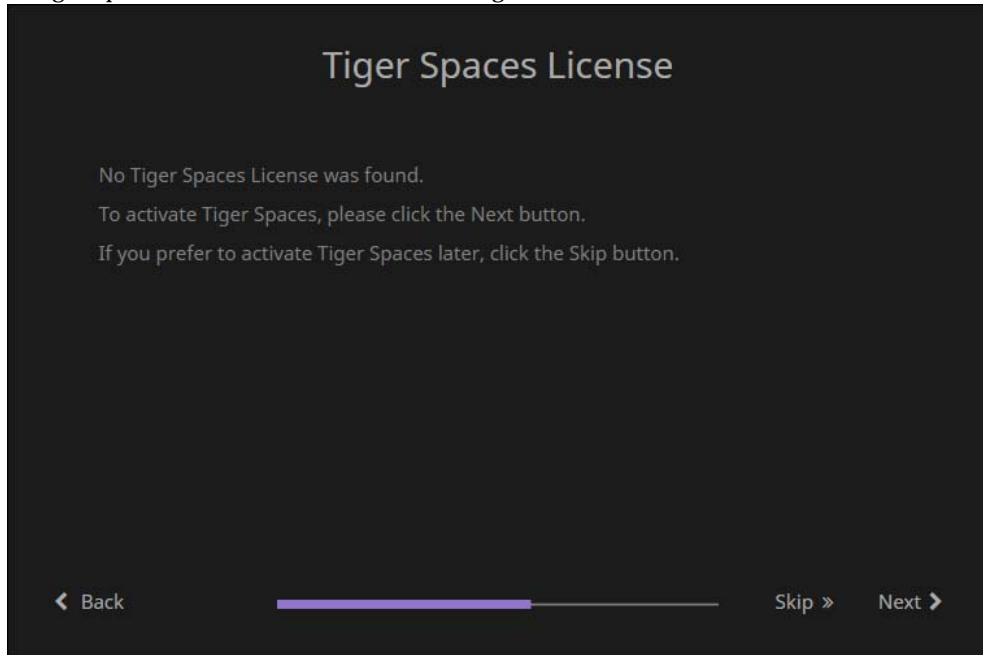
Note: *If your Tiger Spaces server acts as a database server as well, you have to enter the following:*
`localhost\TIGERSPACES`

• In Database Name, enter the following:
`psdb`

• In Spaces Database Username, enter the following:
`psdb`

• In Password, enter the following:
`password`

7. Click Verify and then Next.

8. In Tiger Spaces License, do one of the following:

• If you want to activate high availability, click Next and follow the on-screen instructions for activating your license.

Important: *If Tiger Spaces has been activated with a software activation key, after upgrading to version 4.6 the license may be lost and you need to activate it again. For more information, refer to "Software Activation Lost After Upgrade" on page 12.*

• If you do not want to activate high availability or you want to activate it later on, through the web interface, click Skip.

9. (if Tiger Spaces is in Active Directory domain) Enter the domain name, and the user name and password of a user with permissions to list users in this domain, click Verify and then click Next.

Active Directory Login Information

If you are planning to use Active Directory users with Tiger Spaces, you need to specify the domain name and the user name and password of a user with permissions to list users in this domain. Note that certain groups must exist in the domain for Tiger Spaces to be able to work with domain users. For more details, refer to the Tiger Spaces manual.

After completing the wizard make sure this Tiger Spaces server is a member of the domain you have specified here or, if necessary, join the domain.

Domain name: Enter domain name

Domain user: Enter domain user

Password:

Verify

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10. (if high availability is activated) Do the following:

High Availability: Cluster IP

To ensure smooth and proper operation of the high-availability feature it is recommended to enable a cluster IP address. The cluster IP address is transferred between Tiger Spaces server nodes and clients use it to connect to the Tiger Spaces high-availability cluster.

Please, refer to the product manual for more information about the cluster address.

☑ Enable cluster IP

Network Interface:	Public ▼
IP Address:	192.168.100.116
Subnet mask:	255.255.255.0

Apply

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• Select the "Enable cluster IP" check box.

• In the Network Interface drop-down box, select the network interface to which to assign the cluster IP address.

• Enter the IP address and subnet mask in the respective fields and click Apply.

Note: *The cluster IP address must be on the same subnet as client computers*

11. Click Next and then Finish.

Important: *If you deploy Tiger Spaces with high availability, repeat the same steps on the other server node as well.*

Upgrading Project Store/Project Serve to Tiger Spaces 4.6

While Project Store is a predecessor of Tiger Spaces, the two products differ in several main aspects:

• In contrast to Project Store, Tiger Spaces utilizes a database server - a computer with Microsoft SQL Server installed, which stores and manages the Tiger Spaces database, containing information about all workspaces and data in them. This can be the Tiger Spaces server computer itself or another computer, in case you are deploying Tiger Spaces with high availability.

• Tiger Spaces can be deployed with high availability, even if you are not using a dual-node Tiger Store appliance. You can find requirements and additional information in the Tiger Spaces User's Guide.

• The workspaces depot can be stored on network shares as well as on Tiger Store-managed volumes. For more information, refer to the storage requirements in the User's Guide.

• Client computers must run the Tiger Spaces client driver in order to access the workspaces depot.

Before proceeding with upgrading Project Store/Project Serve to Tiger Spaces, make sure the following prerequisites are met:

• the computer intended to run Tiger Spaces meets the minimum system requirements, outlined in the User's Guide.

• there is a computer designated as Tiger Spaces database server - the Tiger Spaces server itself or another computer (if you are deploying Tiger Spaces with high availability), which meets the database server requirements and is configured for work with Tiger Spaces as outlined in the User's Guide.

• if you are deploying Tiger Spaces with high availability not on a dual-node Tiger Store appliance, the computer designated as a standby node is set up for high availability as outlined in the User's Guide.

Tiger Spaces does not offer full upgrade compatibility with Project Store/Project Serve. Once you upgrade your Project Store server computer to Tiger Spaces, you will lose all configuration settings and will have to configure them anew. Following the upgrade procedure described below, you will be able to keep all Project Store/Project Serve users (but without passwords) and all projects (called workspaces in Tiger Spaces) with their type, permissions, description, keywords, preferred mount point on Windows (except if the project uses preferred mount point in a folder), settings for locked project and project template.

To upgrade Project Store to Tiger Spaces:

Note: *If Project Store is installed on a Tiger Store appliance or you are using Project Serve, contact Tiger Technology support for assistance on upgrading to Tiger Spaces.*

1. Uninstall Project Store without disabling Project Store support on the volumes.

2. (for domain environment only) Rename the two groups on your Active Directory domain controller from "projectStore Users" and "projectStore Admins" to "Tiger Spaces Users" and "Tiger Spaces Admins" respectively.

3. Install Tiger Spaces on the computer.

4. Run the Configuration Wizard and select to use a new database, then configure the access to the computer designated as database server.

5. Use the Configuration Wizard to complete the initial setup, activating Tiger Spaces, specifying Active Directory domain and the high-availability cluster IP address, if needed.

6. In the Tiger Spaces web interface, configure the workspaces depot, enabling Tiger Spaces support on the same Tiger Store-managed volumes you have used with Project Store and optionally on the desired network shares.

7. In the Tiger Spaces web interface, configure any other settings that might differ from the default ones (enabled/disabled permissions, quotas, hidden volumes settings, etc.).

8. (if Tiger Spaces is deployed in workgroup environment) One by one assign new password to each user.

9. (for high availability deployment) Install Tiger Spaces on the other computer designated as a high-availability cluster node and run the Configuration Wizard, specifying identical settings except for the database, where you should choose to use an existing database server and specify the access to it.

10. Download and install the Tiger Spaces client driver on each computer accessing the workspaces depot.

Refer to the Tiger Spaces User's Guide for detailed instructions on performing any of the above steps.

New Known Issues

Software Activation Lost After Upgrade

If your copy of Tiger Spaces has been activated with a software activation key, after upgrading to version 4.6 the activation information may be lost. You can activate Tiger Spaces in the configuration wizard (see steps on page 4) or later on, following the steps in the Tiger Spaces 4.6 User's Guide.