Tiger SP▲CES

Tiger Spaces 4.4 Release Notes

This document provides release information for Tiger Spaces version 4.4. It discusses new features in this release as well as fixed and new known issues.

What's New in Version 4.4

Tiger Bridge Integration Improvements

The web interface of Tiger Spaces now displays statistics about data managed by Tiger Bridge for the whole workspaces depot as well as for each specific volume.

Additionally, you can view the status of all Tiger Bridge jobs (lifecycle operations performed on all data in a workspace), initiated since the last restart of the Tiger Spaces server.

For more information, refer to the Tiger Spaces 4.4 User's Guide.

Only Owners and Administrators Can Force Close a Workspace

In Tiger Spaces 4.4 to force close a workspace, mounted on another computer, you must be logged in as an administrator or as the owner of that workspace.

Uninstall Tiger Spaces Through Command Prompt

You can uninstall Tiger Spaces 4.4 using Windows Command Prompt.

License Expiration Information

Should your Tiger Spaces license expire, the About dialog displays that information instead of simply notifying you that the product is not licensed.

Improved Error Messages

Version 4.4 provides more descriptive error messages, allowing you to easily identify the problem they refer to.

Browsing the Workspaces List Using the Keyboard Arrows

When you load the Workspaces page of the web interface, there is no need to click inside the list of all workspaces in order to scroll it using the Up and Down arrow keys on your keyboard.

Dropped Support for Sub-Groups

Tiger Spaces 4.4 no longer supports assigning permissions to internal (workgroup) or Active Directory domain sub-groups of users.

Fixed Known Issues in Version 4.4

Support for Workspaces with Non-Latin Characters in Their Name on Mac Clients

With version 4.4 Mac clients can mount and work with workspaces, whose name contains non-latin characters even if these workspaces are stored on a SMB share.

Pinning/Unpinning Workspaces in Internet Explorer

Version 4.4 resolves a problem, which prevented the pinning/unpinning of workspaces, when accessing the web interface of Tiger Spaces in Internet Explorer.

Refreshing the Settings Pages

When refreshing any of the Settings pages, the web interface of Tiger Spaces does not automatically switch back to workspaces view.

Stability Improvements on Tiger Store-managed Volumes

Version 4.4 provides improved stability upon receiving error about the accessible Tiger Store-managed volumes, on which Tiger Spaces support is enabled.

Improved Application Support on SMB Shares

Version 4.4 resolves a problem, which could prevent applications like Microsoft Word, Paint, etc. from saving changes to files, when they are stored on an SMB share.

Improved Stability When There Are Unavailable SMB Shares

Version 4.4 provides improved stability when a network share, on which Tiger Spaces support is enabled becomes unavailable.

Listing Tiger Store Volumes in the Web Interface

With version 4.4 there is no need to refresh the web interface of Tiger Spaces to update the list of Tiger Store-managed volumes.

Displaying Correct Storage Statistics

The web interface of Tiger Spaces 4.4 provides improved algorithm for calculating information about used, free and total storage on the volumes/shares in the depot.

Mounting/Unmounting a Workspace Doesn't Clear the Search Results List

With version 4.4 the search results list is not cleared when you mount or unmount a workspace in the list.

Improved Synchronization of Network Interfaces Information between Tiger Spaces and Tiger Store

Version 4.4 provides improved mechanism for synchronizing the network interfaces information between Tiger Store storage server and Tiger Spaces, when deployed with high availability.

Displaying the Downloads Page When the Tiger Spaces Client Bundle is not Installed

With version 4.4 the Downloads page of the web interface loads normally, even if the Tiger Spaces clients bundle is not installed together with the server installation.

Displaying Tiger Store-managed Volumes as SAN Volumes

When Tiger Spaces 4.4 is installed on a Tiger Client computer, the web interface displays all Tiger Store-managed volumes as SAN volumes instead of as network shares.

Keeping Workspace Owner After Reclaiming Space with Tiger Bridge

With previous versions it was possible a workspace to lose its owner information after reclaiming space with Tiger Bridge by substituting its files with offline counterparts. Version 4.4 resolves this and the workspace owner information is kept.

Upgrading to Tiger Spaces 4.4

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 4.4, you must simply run the new installation on the computer running Tiger Spaces. When upgrading from 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 4.4 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.*

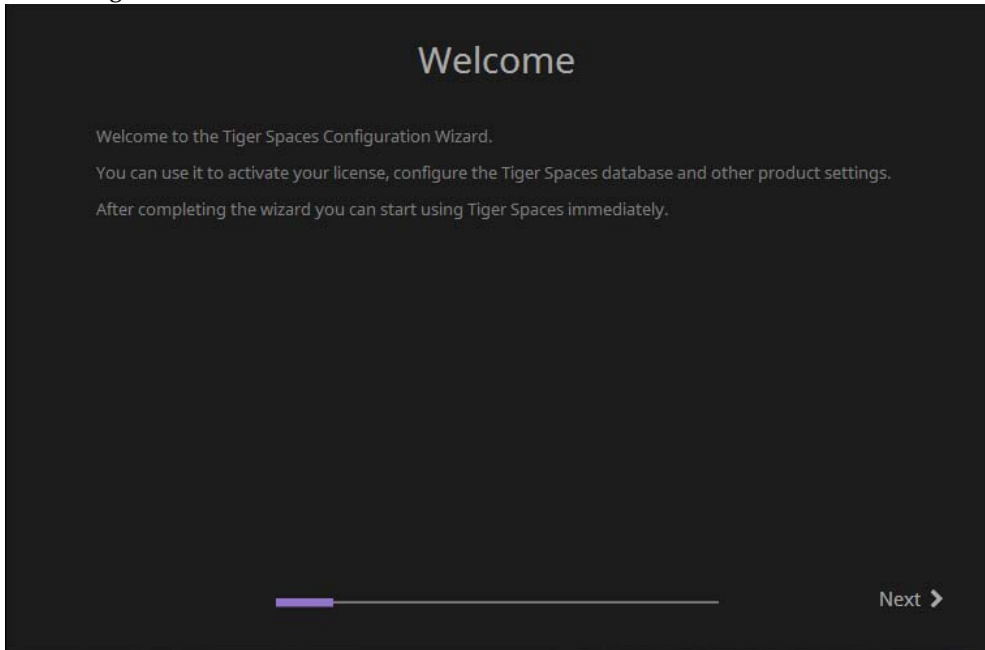**To upgrade Tiger Spaces 4.x to version 4.4:**

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 4.4 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.
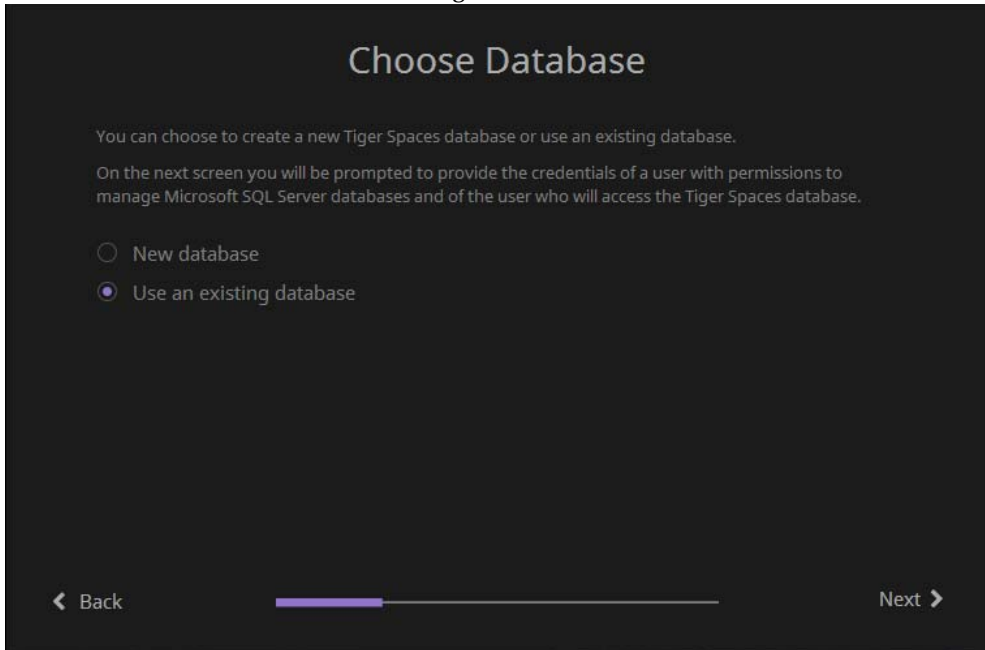
4. Access the Tiger Spaces Configuration Wizard, by entering the following in a web browser:

`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.

Choose Database

You can choose to create a new Tiger Spaces database or use an existing database.

On the next screen you will be prompted to provide the credentials of a user with permissions to manage Microsoft SQL Server databases and of the user who will access the Tiger Spaces database.

○ New database

◉ Use an existing database

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

• 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, and you have to enter the following:*
`localhost\TIGERSPACES`

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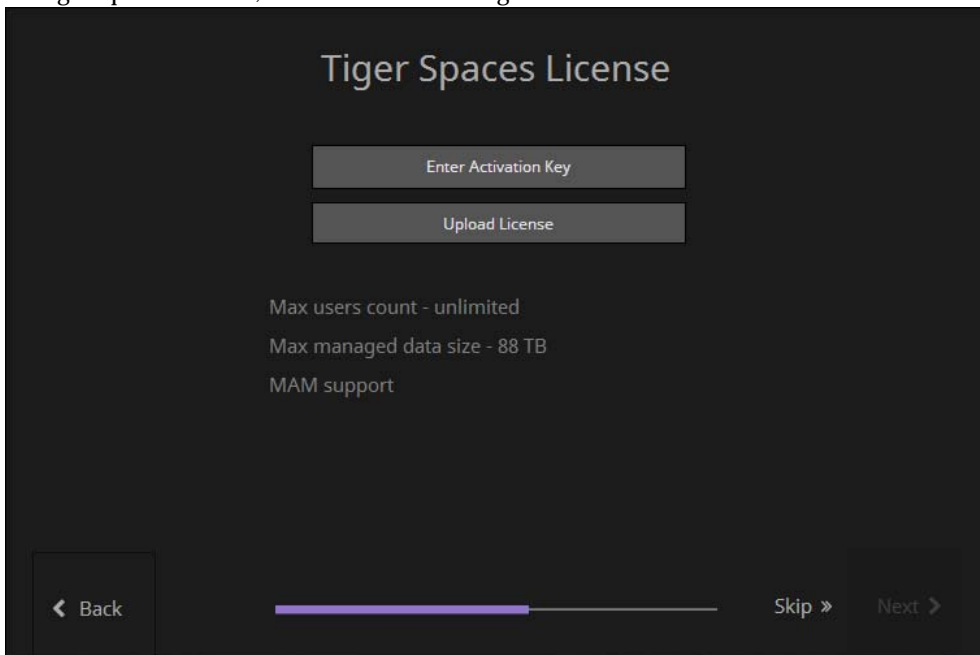
• In Spaces Database Username, enter the following:
`psdb`

• In Password, enter the following:
`password`

7. Click Verify and then Next.

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

Tiger Spaces License

Enter Activation Key

Upload License

Max users count - unlimited

Max managed data size - 88 TB

MAM support

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• If you do not want to activate high availability, click Skip.

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

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:

• 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 4.4

Tiger Spaces does not offer full upgrade compatibility with Project Store/Project Serve. Once you upgrade 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 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.

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.*

The upgrade procedure involves the follows these steps:

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 and run the Configuration Wizard to perform the initial setup.

4. Enable Tiger Spaces support on the same volumes you have used.

5. Configure any other Tiger Spaces settings that might differ from the default ones (enabled/disabled permissions, quotas, hidden volumes settings, etc.).

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

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