

Tzunami Deployer

Confluence Cloud Exporter Guide

Supports extraction of Confluence Cloud contents and migrate to Microsoft SharePoint using Tzunami Deployer.

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PREFACE

This guide provides installation procedures for Tzunami Confluence Cloud Exporter and detail steps to extract contents from Confluence using Tzunami Confluence Cloud Exporter. The guide also describes how to extract contents non-interactive way using command-line instructions and best practice.

This preface contains the following topics.

- Intended Audience
- Conventions
- Technical Support
- Comments and Suggestions

INTENDED AUDIENCE

Tzunami Confluence Cloud Exporter Guide is intended for:

- System Administrators who are responsible for exporting Confluence contents and setting migration environment using Tzunami Deployer.
- Project Managers and IT Managers who create and regulate usage of Tzunami Deployer and Tzunami Confluence Cloud Exporter.

CONVENTIONS

The following text conventions are used in this document:

- Commands and keywords are given in **boldface**.
- Terminal sessions, console screens, or system file names are displayed in fixed width fonts.



Caution indicates that the described action might result in program malfunction or data loss.



Notes contain helpful suggestions about or references to materials not contained in this manual.



Tips provide information that might help you solve a problem.

TECHNICAL SUPPORT

Before contacting Tzunami Support team, ensure that you are referencing the latest copy of this user guide (Ctrl+Click to follow link) <u>Tzunami Deployer Confluence Exporter Guide</u>.

For additional information, please contact Tzunami Support Team at support@tzunami.com

COMMENTS AND SUGGESTIONS

Your feedback is important to us and will help us to provide the most accurate and high quality information possible in our documentation. Send us comments or suggestions by email to <u>support@tzunami.com</u>. Be sure to include as much of the following as possible:

- The document title.
- The location that the document was accessed from (either downloaded from Tzunami web site or the Tzunami Deployer User Guide and Tzunami Confluence Cloud Exporter Guide available in Tzunami Deployer).
- The section or chapter number and the original text found in the document.



When you send information to Tzunami Support Team, you grant Tzunami a right to use or distribute the information internally within Tzunami Development and Support team for diagnostic purpose.

1 INSTALLING TZUNAMI CONFLUENCE CLOUD EXPORTER

This chapter contains information about installing Tzunami Confluence Cloud Exporter. It contains the following topics:

- System Requirements
- Permission Requirements
- Installing Tzunami Confluence Cloud Exporter
- Uninstall Tzunami Confluence Cloud Exporter
- Configuration of Tzunami Service Settings

1.1 SYSTEM REQUIREMENTS

The following table lists the system requirements for Tzunami Confluence Cloud Exporter.

| Components | Minimum Requirements |
|----------------------------|--|
| Computer and processor | 2GHz Pentium processor or equivalent |
| Memory | 2 GB (Minimum); 4GB (Recommended) |
| Hard disk | 50Mb (additional space will be required for the Tzunami Deployer projects, which may vary from 10 Mb to 4 GB). |
| Supported Operating System | Windows Server 2008/2012, Windows Vista, Windows 7, Windows 8 & Windows 10 or higher. |
| Supported Architectures | x86 and x64 |
| Network | Intranet/Internet access depending on connectivity requirements |
| Display | 800 x 600, 256 colors (minimum); 1024 x 768 high color |
| Microsoft .NET Framework | Microsoft .Net Framework 4.5.1 (including lower versions like 2.0, 3.0, 3.5 and 4.0) |

Table 1-1: System Requirements

1.2 PERMISSION REQUIREMENTS

For connecting to Confluence server using Tzunami Confluence Cloud Exporter, you need to have the Site Admin access with 'Site Administrator' role. And the user should be member of 'administrator', 'confluence-users' and 'site-admins' groups.

| Roles | |
|--|--|
| Site administrator a Can administer your site, o update billing details (like | determine user access, and you). |
| Groups | Add to group |
| Use groups to precisely manage access to a team's resources or m | a user's access & roles (e.g. give them nake them a product admin). |
| Group | Options |
| administrators | 0 |
| confluence-users | 0 |
| site-admins | • … |
| | |

Figure 1 Permission for migration user

Please, contact the confluence administrator and ask for the required roles for the user who will connect the server via **Tzunami Confluence Cloud Exporter** for migration.

1.3 INSTALLING TZUNAMI CONFLUENCE CLOUD EXPORTER

You can install Tzunami Confluence Cloud Exporter on any machine from which you can connect to Confluence Application Server.

To install Tzunami Confluence Cloud Exporter:

1. Unzip the zip file, and run TzunamiConfluenceCloudExporter.msi. The Tzunami Confluence Cloud Exporter setup wizard will launch. To advance through the install wizard, click **Next**.

| 🚼 Tzunami Confluence Cloud | Exporter Setup — 🗆 | × |
|----------------------------|--|----|
| | Welcome to the Tzunami Confluence Cloud Exporter Setup Wizard | |
| ((((())) | The Setup Wizard will install Tzunami Confluence Cloud Exporter on your computer. Click Next to continue or Canc to exit the Setup Wizard. | el |
| | Back Next Cancel | |

Figure 1-2: Welcome Window:

2. In the End-User Licensing Agreement panel, click "I accept the terms in the License Agreement" and click Next to continue installation.

| 🖟 Tzunami Confluence Cloud Exporter Setup 🦳 🗕 | | × |
|---|---|------|
| End-User License Agreement Please read the following license agreement carefully | (| 9 |
| END-USER LICENSE AGREEMEN | T | ^ |
| IMPORTANT! THE LICENSOR, TZUNAMI, (HEREINAFTER REFERRED TO AS "TZUNAMI") AGR LICENSE THE SOFTWARE TO, (HEREIN REFERRED TO AS "LICENSEE") ONLY ON THE CON THAT LICENSEE AGREES TO THE TERMS CONDITIONS SET FORTH IN THE FOLLOWING AGREEMENT. READ THIS LICENSE AGRE CAREFULLY BEFORE DOWNLOADING THE SOFTWA | NAFTER DITION AND LEGAL EMENT | |
| Print Back Next | Can | icel |

Figure 1-3: End-User License Agreement Window



You are advised to read the terms of the license carefully before proceeding with the installation. If you decline the license terms, the installation will not proceed.

- 3. In the Custom Setup panel, do one of the following:
 - To accept the default Destination Folder, click Next.
 - Click **Browse**, locate and select a destination folder, click **OK**, and then click **Next**.

| 😸 Tzunami Confluer | nce Cloud Exporter Setup | | | - | - | | × | | |
|-----------------------------------|---|------|-----------------------|-------------------------|-------|-----------|----|--|--|
| Custom Setup Select the way yo | ed. | | | | C | 9 | | | |
| Click the icons in t | Click the icons in the tree below to change the way features will be installed. | | | | | | | | |
| | zunami Confluence Cloud Exp | 00 | Tzunami | Confluence | Cloud | d Exporte | er | | |
| | | | This feat your har | ure require d drive. | s 708 | 1KB on | | | |
| < | 3 | > | | | | | | | |
| Location: | C:\Program Files (x86)\Tzun | ami\ | | | | Browse. | | | |
| Reset | Disk Usage | | Back | Next | | Cano | el | | |

Figure 1-4: Custom Setup Window

4. In the Ready to install Tzunami Confluence Cloud Exporter panel, click **Install**. Confluence Exporter is installed.

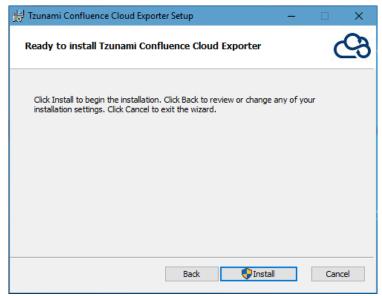


Figure 1-5: Installing Tzunami Confluence Cloud Exporter Window

5. Click **Finish** to exit from the setup wizard.

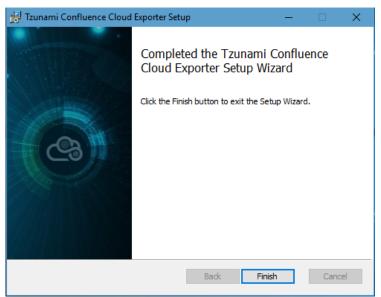


Figure 1-6: Installation Complete Window



When Tzunami Confluence Cloud Exporter is installed, it comes with a default license that can be used for evaluation purpose only. This license is limited in time and number of operations.

1.4 UNINSTALL TZUNAMI CONFLUENCE CLOUD EXPORTER

This section of the guide illustrates different ways to remove or uninstall Tzunami Confluence Cloud Exporter from your Confluence Server. Here are the two different ways to uninstall Tzunami Confluence Cloud Exporters:

- Uninstallation using Installer
- Uninstallation using Control Panel

To uninstall Tzunami Confluence Cloud Exporter, user needs to be a Local Administrator in the Confluence Exporter installed machine. Uninstalling Tzunami Confluence Cloud Exporter is simple and easy. You can remove or uninstall it in no time. You don't need to reboot your computer once the uninstalling process is complete.

Log files, licensing information files etc. will remain after uninstalling Tzunami Confluence Cloud Exporter. You can manually delete those files from your computer if needed. By default logs are located at the "C:\Program Files\Tzunami\Deployer 4.0\Exporter\ConfluenceCloud\Logs", or where Tzunami Confluence Cloud Exporter is installed. Tzunami Confluence Cloud Exporter Options information will be available in "C:\Documents and Settings\All users\Application Data\Local\Tzunami" location.

1.4.1 Uninstallation using Installer

To uninstall Tzunami Confluence Cloud Exporter using Installer

- 1. Close Tzunami Confluence Cloud Exporter.
- Unzip the zip file, and run TzunamiConfluenceCloudExporter.msi. The Tzunami Confluence setup wizard (Welcome window) will launch. To advance through the remove installation wizard, click "Next" at the bottom of the screen.
- 3. In the Change, repair or remove installation panel, click "**Remove**" button to proceed to remove Tzunami Confluence Cloud Exporter from your computer.
- In the Ready to remove Tzunami Confluence Cloud Exporter panel, click "Remove" to remove Tzunami Confluence Cloud Exporter from your computer.
- 5. Click **Finish** to exit the setup wizard.

You can right-click Tzunami Confluence Cloud Exporter setup (TzunamiConfluenceCloudExporter.msi) file and select **Uninstall** to remove or uninstall Tzunami Confluence Cloud Exporter from your computer.

1.4.2 Uninstallation using Control Panel

To uninstall Tzunami Confluence Cloud Exporter using Control Panel

- 1. Close Tzunami Confluence Cloud Exporter.
- 2. Click Start > Control Panel > Add or Remove Programs.
- 3. In Add or Remove Programs window, right-click the Tzunami Confluence Cloud Exporter application you want to remove, and then click **Uninstall**.

1.5 CONFIGURATION OF TZUNAMI SERVICE SETTINGS

 When installing Tzunami Deployer/Exporter/Remote Service for the first time, a Tzunami Service Settings dialog is displayed. In Tzunami Service Settings, the Licensing Service, Link Resolver Service and O365 AD Service are pointed to localhost (same machine) and port.

| 🕾 Tzunami Deployer Ser | vices Settings | | | × | | | | |
|--|-------------------------|-----------------------|-------------|--------|--|--|--|--|
| This service settings are applicable for Exporters and migration to SharePoint Online. | | | | | | | | |
| Address | Server Address TCP Port | Link Resolver Service | Hour Minute | Second | | | | |
| Licensing Service: | localhost 8008 | Receive timeout: | 0 🗘 10 🜲 | 0 | | | | |
| Link Resolver Service: | localhost 9028 | Send timeout: | | 0 | | | | |
| O365 AD Service: | localhost 9000 | O365 AD Service | Hour Minute | Second | | | | |
| Licensing Service | | Receive timeout: | | | | | | |
| Receive timeout: | Hour Minute Second | Send timeout: | 0 🜩 5 🜩 | 0 🜩 | | | | |
| Send timeout: | | | ОК | Cancel | | | | |

Figure 1-7 Deployer Settings Manager



User can run the **Settings Manager.exe** application from the installation directory to display this service settings dialog at any time and updated the settings to point the Tzunami services as required.

If these services are installed in another machine, point to that machine with machine name or IP Address and port.

Licensing Service: TCP port 8008 (or the port that the Licensing Service is listening on)

Link Resolver Service: TCP port 9028 (or the port that the Link Resolver Service is listening on)

O365 AD Service: TCP port 9000 (or the port that the O365 AD Service is listening on).

2. Click on OK.

2 TZUNAMI CONFLUENCE CLOUD EXPORTER

This chapter contains information of Tzunami Confluence Cloud Exporter. It contains the following topics:

- Overview
- Exporting from Confluence
- Command-line Export
- Logging settings
- Best Practices

2.1 OVERVIEW

Tzunami Confluence Cloud Exporter enables organizations to migrate contents from Confluence to SharePoint 2007, SharePoint 2010, SharePoint 2013, SharePoint 2016, SharePoint 2019 and SharePoint Online using Tzunami Deployer. Tzunami Confluence Cloud Exporter is easy-to-use and convenient way to extract contents from Atlassian Confluence and load contents into Tzunami Deployer.

To load Confluence content into Tzunami Deployer, you must first extract the content, using Tzunami Confluence Cloud Exporter, into TDX (Tzunami Deployer Export) and STDX (Separate Tzunami Deployer Export) files. You can then load this TDX file into a Tzunami Deployer project.

When working with Tzunami Deployer on several machines, you can run an export on one machine and load the exported data on another. Tzunami Confluence Cloud Exporter is an extension module of Tzunami Deployer. You can work with this module independent of Tzunami Deployer or from within the Deployer.

2.1.1 Supported Types

The Tzunami Confluence Cloud Exporter supports extraction of basically seven categories of contents from Confluence Server:

- Spaces
- Personal Spaces
- Pages
- Blogs
- Bookmarks
- Comments
- Attachments

2.1.2 Security

In addition to the structure and items, Tzunami Confluence Cloud Exporter extracts security information. The following permissions are used in the exporter:

- None
- Viewer
- Contributor
- Admin

Each item is assigned an ACL defining the permissions of the various members according to the roles they were assigned.

The exporter automatically creates four default roles that are used during the deployment process. The roles include None (No permission), Viewer (Read permission on Comments, Pages and Blogs), Contributor Edit (Add, Edit and Delete permissions on Pages, Blogs, Comments and Attachments), and Admin (change access permissions and owner of Pages).

2.2 EXPORTING FROM CONFLUENCE CLOUD

The Tzunami Confluence Cloud Exporter enables you to export Confluence Cloud contents to a TDX file. It has simple user interface and lets you quickly extract contents such as Spaces, Pages, Blogs, Comments, Attachments, Bookmarks etc.



When exporting, keep the following in mind:

Export in small chunks: When exporting from your source system, perform the export in small chunks of about 40K-50K files each that have a common business logic or some other logic.

Ensure consistency: Make sure that the content of the different exports does not overlap and that, while exporting, no changes are made to the source data.

To export to a TDX file:

1. In Tzunami Deployer, right-click in the Confluence Cloud tab source store area and select **Export Confluence Cloud to TDX**.

Or

Click Start > All Programs > Tzunami > Tzunami Confluence Cloud Exporter

The Welcome screen of the Export Wizard appears.

2. Click **Next**. The Confluence Configurations screen appears with two tabs: General and Advanced

a. General tab

The **General** tab allows you to select the item types that you wish to export from Confluence server. Select the item types listed in this section.

| Confluence Exp | orter Wizard | | | | | |
|----------------|-----------------------------------|-----------|-------------------------|-------|------|----|
| | Configurations luence Settings | | | | | |
| General Adva | nced Direct Roots | Actions | | | | |
| Export Items | | | | | | |
| Export Page | s as Wiki Page | ~ | ✓ Blogs | | | |
| Export Inclu | ded Page Content as | Content ~ | 🗹 Bookmarks | | | |
| Attachments | 3 | | 🗹 Emails | | | |
| Comments | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | [| < <u>B</u> ack <u>N</u> | ext > | Cano | el |

Figure 2-1: Confluence Configurations Screen – General Tab

| Field | Description |
|---------------------------------|---|
| Export Items | |
| Export Pages as | Select whether you wish to export pages as Wiki Page or Modern Page or Enterprise Wiki Page. |
| Blogs | Check this option if you wish to export blogs. |
| Export Included Page Content as | Select whether you wish to export the content of the Included Pages or export Included Pages as Page Links. |
| Bookmarks | Check this option if you wish to export bookmarks. |
| Attachments | Check this option if you wish to export attachments. |
| Emails | Check this option if you wish to export emails. |
| Comments | Check this option if you want to export comments. |

Table 2-1: Confluence Configurations, General Tab – Description of Fields

b. Advanced tab

The **Advanced** tab allows you to specify the export options such as security, versions and attachments of bookmarks for confluence.

| Confluence Exporter Wizard | | | | | | | |
|--|--------|------|-----|--|--|--|--|
| Confluence Configurations Configure Confluence Settings | | | | | | | |
| General Advanced Direct Roots Actions | | | | | | | |
| Versions Export Versions Max number of versions: 0 ('0' to export all versions) | | | | | | | |
| Attachments Export bookmark's attachments as seperate documents (If unchecked, attachments are exported as item's attachments) | | | | | | | |
| Export cross space attachments (If unchecked, cross space attachments will not be exported) | | | | | | | |
| Export Security | | | | | | | |
| ✓ Export Personal Spaces | | | | | | | |
| < Back | lext > | Cano | cel | | | | |

Figure 2-2: Confluence Configurations Screen – Advanced Tab

Table 2-2: Confluence Configurations, Advanced Tab – Description of Fields

| Field | Description |
|----------------|---|
| Versions | |
| Export Version | Check this option if you wish to export all versions of items. Uncheck this option, if you wish to export current versions of each item. |

| Field | Description | |
|---|--|--|
| Max number of versions | Enter the number of versions you would like to export for each item. | |
| | Setting this value to zero will export all versions. | |
| | If number of maximum versions is specified, number of versions from latest version are exported. | |
| Attachments | | |
| Export bookmark's attachment as separate documents. (If unchecked, attachments are exported as item's attachment.) | Check this option to export all attachments of an item into a folder " <itemtype> Attachments". If you do not check this option, the attachments are exported as item's attachments. Note that checking this option will separate attachments completely from the parent items.</itemtype> | |
| Export cross space attachments (If unchecked, cross space attachments will not be exported) | Check this option if you wish to export cross space attachments of an item into a folder " <itemtype> Attachments". If you do not check this option, cross space attachments will not be exported.</itemtype> | |
| Export security | Check this option if you wish to export security setting of the selected items. The user must have Confluence Administrator permissions in Confluence Server to export security. | |
| Export Personal Spaces | Check this option if you wish to export personal spaces from Confluence server. | |

c. Direct Roots tab

The **Direct Roots** tab allows you to enter space key as root folder so that the space will be available to select for export out of the list as well.

| Confluence Exporter Wizard | — | | × |
|--|-------|-----|-----|
| Confluence Configurations Configure Confluence Settings | | | |
| General Advanced Direct Roots Actions | | | |
| Additional items to be used as roots (one Space Key per line): | | | |
| 443449345 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < Back Ne | ext > | Can | cel |

Figure 2-3 Confluence Configurations Screen – Direct Roots Tab

| Field | Description |
|---|--|
| Additional items to be used as roots (one space key per line) | Enter the space key in the text box to be used as root folder. |

Table 2-3 Confluence Configurations, Direct Roots Tab - Description of fields

d. Actions tab

The **Actions** tab allows you to use different actions that can be taken in the exporter.

Auto Pause: The export process is paused and resumed using this functionality at a set time each day. The feature can be turned on or off using the Use Auto Pause check box. The feature can be checked by the user, who can also select the pause and resume times. The user can deselect it to turn off the feature.

| Confluen | ice Exporter \ | Wizard | | | | — | | × |
|----------|------------------------------|--------------|---------|---|-----------------------|--------|-----|-----|
| | ence Config re Confluence | | | | | | | |
| General | Advanced | Direct Roots | Actions | | | | | |
| Auto Pau | lise | | | | | | | |
| 🗹 Use / | Auto Pause | | | | | | | |
| Pau | ise export eve | ryday at : | 09:00 | - | (24 Hour Time Format) | | | |
| Res | sume export e | veryday at : | 18:00 | + | (24 Hour Time Format) | | | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | < Back N | lext > | Can | cel |
| | | | | | | | | |

Figure 2-4: Confluence Configurations Screen – Actions Tab

| Table 2-4: Confluence Configurations, | Actions Tab - Description of fields |
|---------------------------------------|-------------------------------------|
| Table 2 4. connuchee configurations, | |

| Field | Description |
|-------------------------------|--|
| Auto Pause | |
| Use Auto Pause | To use the auto-pause and resume feature, select this option. To turn off this function, uncheck this box. |
| Pause export every day at | Set the daily time that the export process should pause. |
| Resume export every day at | Set the daily time for restarting the interrupted export operation. |

The settings for actions are only applied to this exporter instance that is currently executing when the user clicks the **Next** button.

3. Click **Next**. The Connection screen appears. You need to provide the required portal credential to connect to the Confluence server.

| Confluence Expo | rter Wizard | — | | × |
|--------------------------------|--|--------------|-------------|-----|
| Connection Please enter the | connection settings | | | |
| Server Address: | https://tzunami.atlassian.net/wiki | this server | r abould be | |
| | is of the server that will be used for exporting. A connection to he whole exporting process. | triis servei | should be | 5 |
| Connection Mo | - | | | |
| | | | | |
| | | | | |
| | | | | |
| | < Back | ext > | Cano | cel |

Figure 2-5 Connection Screen for Confluence Server on cloud

Table 2-5 Connection – Description of Fields

| Field | Description | |
|-------------------|--|--|
| Server Address | Enter the URL of the Confluence cloud Server. | |
| | For example, <u>https://tzunami.atlassian.net/wiki</u> | |
| Connection Mode | | |
| Connect Using Web | The Connect Using Web radio button is selected in default. User authentication should be provided in the web browser. | |

Click on Next button, a log in page will be displayed in web browser.

Enter the user's credential. Once log-in is successful, consent will be asked. Accept your consent.



The user will receive the token from the server, which the application will use for the remaining operations. The browser will show a page for local host redirection. The user can ignore or close the local host page.

User must have site admin access with site administrator role. The user should be the member of following groups:

- Administrators
- Confluence-Users
- Site-Admins.

4. Click Next. The Folders screen appears.

Tzunami Exporter provides quick analysis option before exporting to know the size, count of contents inside selected folder.

If you want to analyze the content: Check on the Folder(s) in tree view, then **Analyze** button is enabled. Click **Analyze**.

| Confluence Exporter Wizard | - | | | \times |
|--|-----------------------------|---|-------|----------|
| Folders Please choose the folders to export | | | | |
| Choose the folders to export: | Export Global AC | Ľ | Analy | ze |
| | | | | |
| Automatically select subfolders Number | er of highlighted items: | 1 | | |
| < | <u>B</u> ack <u>N</u> ext > | | Canc | el |

Figure 2-6 Analyze Option

Analyzer screen appears. Analyzer screen provides the detail information that helps to plan for the export (chunk size) based on File size and number of items.

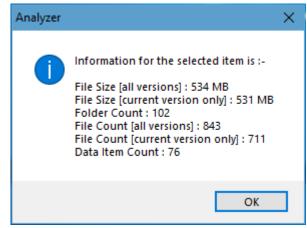


Figure 2-7 Analyzer Information

Table 2-6 Analyzer Information Description

| Field | Description |
|----------------------------------|--|
| File Size [all versions] | Provides the total size of files for all versions of documents. |
| File Size [current version only] | Provides the total size of files for current version of documents. |

| Field | Description |
|--------------------------------------|---|
| Folder Count | Provides the number of folders. |
| File Count [all versions] | Provides the total number of files for all versions of documents. |
| File Count [current version only] | Provides the total number of files for current versions of documents. |
| Data Item Count | Provides the total number of data item. |

You can export the Roles, Groups and Users in a file by clicking on **Export Global ACL** button. A progress bar appears while exporting the information. The file is by default exports to:

Location: C:\ProgramData\Tzunami\GlobalAclExport\Confluence

File Name: global_acl.xml

This file is used in Tzunami Deployer when using Global ACL Mapping. Refer **Deployer User Guide's** section **Global ACL Mapping** for more details.

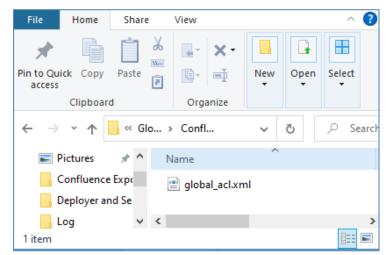


Figure 2-8 Global ACL Mapping file

5. Select the folders to export.

| Confluence Exporter Wizard | | | — | | × |
|---|----------------|----------|----------------|-----|-------|
| Folders Please choose the folders to export | | | | | |
| Choose the folders to export: | E | Export G | lobal ACL | Ana | alyze |
| ► Confluence Server ► Confluence Server | | | | | |
| Automatically select subfolders | Number of hig | hlighted | litems: 1 | | |
| [| < <u>B</u> ack | 1 | <u>V</u> ext > | Car | icel |

Figure 2-9 Folder Selection Screen

6. Click Next. The Filter screen appears.

| Confluence Exporter Wi | zard |
|---|--|
| Filter Please set a filter | |
| Properties: Created By ID Keywords Modified Modified By Title | Condition: Created Equals to V 21/Mar/2018 12:38:00 PM v |
| Filter: | Add Condition Clear Condition |
| | < Back Next > Clear All Cancel |

Figure 2-10: Filter Screen

- 7. Set up filtering as follows:
 - a) In the Properties field, select a property.
 - b) In the Condition field, select a condition from the drop down list and enter or select values in the corresponding field.
 - c) Click **Add Condition**. The condition is added to the Filter area, displaying the full filter expression.



You can only add one condition per property.

You can edit a condition for a property by selecting the property and modifying the condition

type or values that are currently assigned to it.

You can remove a condition from a property or all the conditions from all the properties by clicking Clear Condition or Clear All, respectively.

This option works only for Data Items.

If multiple conditions are applied, only items that match all conditions are exported.

8. Click **Next**. The Destination Folder screen appears.

| Confluence Exporter Wizard — | | × |
|--|--------------|--------|
| Destination Folder Please enter the destination folder | | |
| Destination: | | |
| Location: D:\DeployerMigration\ConfCloudExport\CH001 | Brows | e |
| Data will be exported to: D:\DeployerMigration\ConfCloudExport\CH001\Confluence Data | 1 | |
| The destination folder holds TDX information and extracted files. Please use a folder close to allow deep hierarchies and long file names. Note: all currently existing content in the destination folder will be deleted. | to the drive | e root |
| Export specification file: | | |
| Saving exporter specifications and details as a file allows you to run the exporter from the command line. | Save | |
| Create migration plan: | | |
| Create a migration plan file in the selected destination location which is necessary for the auto migration feature. Also Deployer project will be created on same location | Create | e |
| < Back Next > | Cano | cel |

Figure 2-11: Destination Folder Screen

Specify where to export the files and generated TDX information. Make sure you are saving to a folder with a descriptive name and under a well-organized file system hierarchy. It is recommended to export to a folder that is as close to the root drive as possible.



When exporting deep hierarchy, the property which store the path for exported folder/files may exceed the maximum character supported by the property (typically 260 characters defined in the Windows API). To overcome such condition, it is recommended to export to a folder that is as close to the root as possible.

Starting in Windows 10, version 1607, MAX_PATH limitations have been removed from common Win32 file and directory functions. Please, refer information published by Microsoft from following link and consult with your system administrator to remove the limitation whenever possible.

https://docs.microsoft.com/en-us/windows/win32/fileio/maximum-file-pathlimitation?tabs=registry

Click **Save** under **Export specification file** for saving export specification details as an XML file which can be used to run the exporter in command-line mode. See the section **'Command-line Export'** below for more details.

9. Click Next.

 $\langle \diamond \rangle$

If the export folder already exists, a warning appears, informing you that the destination folder already exists and if you continue all existing information will be deleted.

Clicking **OK** confirms overwrite and clicking **Cancel** returns you to the Destination Folder screen to change the destination folder.

An Exporting screen appears with a progress bar and execution report, and the export process begins. During the export process, a **Pause** button is displayed. Users can manually pause and resume the export process (despite of scheduled pause/resume time) by clicking on **Pause/Resume** button.

| Ch001 - Tzunam | i Exporter | | - | | |
|------------------------------|---|----------------|---------|---------------------------|----------|
| Exporting Please wait whi | le the export is in progress | | | | |
| Export completed | i | | | | |
| 1 × | Description Failed to export item permission RE_ Updat Failed to export item permission Teams Cor Failed to export item permission Teams Cor Reading sub-folders of folder Baburam Completed extracting folder Baburam Export completed | figuration.msg | g 1.msg | | ^ |
| Errors only | 🗌 Warnings only 🗹 Auto-scroll | < Back | îew | Save A Retry Op Can | tion |

Figure 2-12: Exporter Progress Screen



You can save the export report by clicking **Save As** after export is complete.

You can check Auto-scroll to display the latest progress messages, as they appear.

You can display only export errors by checking Errors only

You can display only export warnings by checking Warnings only

- 10. Click Retry Option, if there are failed item(s).
- 11. Click **Next**. The Export Complete screen appears.
- 12. Click **Done**. The Tzunami Confluence Export wizard is closed.

After the extraction process completes successfully, you are prompted to load the exported data into the current Tzunami Deployer project. Clicking '**Yes'** begins the process of loading the content from the previously exported TDX file into the project. For more information about loading sources, refer to the *Tzunami Deployer User Guide*.

2.3 COMMAND-LINE EXPORT

Tzunami Exporter for Confluence provides the ability to run export sessions non-interactively using command line instructions. This allows administrators to plan and schedule long running migration jobs through scripts, batch files and schedulers according to needs and organizational timetables. To run the exporter in batch mode you will need exporter specification file explained in the 'Choose Destination Folder' step of the export wizard. The file contains all the export option details including:

- Source ECM connectivity information (Server Address, User Name, Password etc.)
- Items to export
- Destination and Log Folder
- Filter
- Exporter specific options

This file can be edited to suit your needs however the XML schema of the file should not be altered. It is recommended that you generate a sample specifications file in the *Destination Folder Screen* selection step of the export wizard and use it as a template to create your own specification file.

Once the specification file is ready, you can run the exporter from command line using command:

Usage

| Field | Description |
|-------|--|
| -r | Outputs export results into an XML file [Optional] |
| -S | XML file containing export specifications |

For example:

C:\User\Administrator> "C:\Program Files (x86)\Tzunami\Deployer 4.0\Exporters\ConfluenceCloud\TzunamiExporter.exe" -s "D:\Spec Files\specs1.xml"

C:\Program Files (x86)\Tzunami\Deployer 4.0\Exporters\ConfluenceCloud> TzunamiExporter.exe -s "D:\Spec Files\specs1.xml"

Based on your needs you can create number of specification files and use them to run multiple export sessions as batch commands.



You will need to provide absolute path for **TzunamiExporter.exe** and **ExportSpecificationsFile** in the command if you are not running the command from the exporter installation directory.

In Microsoft Windows 10, Windows 8, Windows 7, Windows Vista and Windows Server 2003/2008/2012 environment, if UAC (User Access Control) is enabled, Users with low privileges sometimes cannot export ECM contents. To export contents using command line, User must run with elevated or administrative privileges.

To export contents with elevated or administrative privileges, you can run the exporter from command line using command:

RUNAS /trustlevel:"Unrestricted" "<ExporterInstallationDirectory>\TzunamiExporter.exe" -s "<Spec file path>\Specfilename.xml "

For example:

RUNAS /trustlevel:"Unrestricted" "C:\Program Files (x86)\Tzunami\Deployer 4.0\Exporters\ConfluenceCloud\TzunamiExporter.exe" -s "D:\Spec Files\specs1.xml"

2.4 LOGGING SETTINGS

In Tzunami Exporter, log is written in a persistent medium having as much information as possible about events that occur while the software runs. That information plays a vital role while diagnosing if any issue occurs during the export process. Hence, it is worth mentioning that logger writes each and very details during.

Tzunami Inc provides the settings for writing logs. There are the following log levels that the user can change before running the tool.

- 1. Go to installation directory of the exporter and open **TzunamiExporter.exe.config** file in an editor.
- 2. Locate the key and set corresponding values as mentioned below:
 - LogLevel: Set the esteem to "Debug" or "High" or "Normal" or "low" or "none".

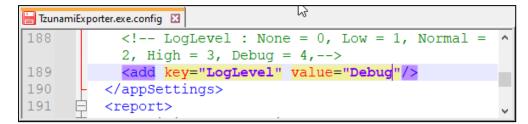


Figure 2-13 Log level Settings

- **Debug:** Writes logs as much as possible. So, this setting includes the maximum level of verbosity. By default, the tool is packaged with this setting.
- **High:** Writes logs as much as possible for warnings and errors. However, it will not log possible diagnostic information.
- Normal: Writes logs for anticipated errors and warnings.
- Low: Critical errors are logged. There will be as low as possible information logged.

- None: No such logs are written.
- 3. Save the file. Then run the exporter.

2.5 BEST PRACTICES

Due to the technological differences between Confluence and SharePoint, the following best practices should be taken into consideration:

• Migrate folders to their relative list types, based on the items in those folders:

| Confluence Item Type | Relevant SharePoint Types |
|----------------------|---------------------------|
| Space | Site |
| Personal Space | My Site Collection |
| Pages | Wiki Page Library |
| Blogs/News | Blog Posts |
| Blog Comments | Blog Comments |
| Bookmarks | Link Lists |
| Comments | Discussion List |
| Attachments | Document Library |
| | |

Table 2-7: Target Structure Guidelines

- The Confluence Spaces contain the User ACLs. All the child folders and items inherit security from it. If Confluence Spaces is not extracted as a root folder, the selected child folders of Confluence Spaces contain the User ACL and child items inherit security.
- To export security, the user must have Confluence Administrator Permissions.

3 COPYRIGHT AND TRADEMARK

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