



Tsunami Deployer Licensing Guide

Version 4.0

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PREFACE

This document provides installation procedure to install and configure Tzunami Deployer Licensing service.

This preface contains the following topics.

- *Intended Audience*
- *Structure*
- *Conventions*
- *Technical Support*
- *Comment and Suggestions*

INTENDED AUDIENCE

Tzunami Deployer Licensing Service Guide is intended for:

- System Administrator Project Managers and IT Managers who sets Tzunami Deployer and Tzunami Exporter licenses.

STRUCTURE

This document includes the following chapters:

- **Chapter 1, “Prerequisites for Installing Tzunami Deployer Licensing Service”** – This chapter contains information that you should review before you install Tzunami Deployer Licensing Service.
- **Chapter 2, “Installing Tzunami Deployer Licensing Service”** – This chapter contains instructions for installing and configuring Tzunami Deployer Licensing Service.
- **Chapter 3, “Tzunami Deployer Licensing Service”** – This chapter contains information about Tzunami Deployer Licensing Service.

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 Tsunami Deployer Support team, ensure that you are referencing the latest copy of this user guide (Ctrl+Click to follow link) [Tsunami Deployer Licensing Guide](#).

If you have searched our reference materials and the issue still persists, contact Tsunami Deployer Support Team at support@tsunami.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 support@tsunami.com. Be sure to include as much of the following information as possible:

- The document title.
- Source of document that was accessed from (either downloaded from Tsunami web site or the Tsunami Deployer Licensing Service Guide available in Tsunami Licensing Service).
- Section or chapter number and the original text found in the document.



When you send information to Tsunami Deployer, you grant Tsunami a non-exclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

1 PREREQUISITES FOR INSTALLING TZUNAMI DEPLOYER


This chapter provides information that you should review before installing Tzunami Deployer. It contains the following topics.

- *System Requirements*
- *Network Requirements*
- *Permission Requirements*

1.1. SYSTEM REQUIREMENTS

The following table lists the system requirements for Tsunami Deployer Licensing Service.

Table 1-1: Hardware Requirements

Components	Minimum Requirements
Computer and processor	2GHz Pentium processor or equivalent
Memory	2 GB (Minimum); 4GB (Recommended)
Hard disk	50Mb
Supported Operating System	Windows Server 2008/2012, Windows Vista, Windows 8 or above.  If you are installing Tsunami Deployer Licensing on Windows Vista, Windows 8 or above, you must run the installation with administrative rights. This entails using the Run as administrator option, or turning off the User Access Control (UAC) feature of Windows Vista.
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, 32-bit (recommended)
Additional Requirements	Microsoft .NET framework 3.0 is required for Tsunami Deployer Licensing Service.

1.2. NETWORK REQUIREMENTS

The following table lists the ports that should be open for communication between the Tsunami Licensing Service machine, and the SharePoint front-end web-servers running Tsunami Deployer Remote Service.

Table 1-2: Communication between Tsunami Licensing Service and Tsunami Deployer Remote Service

Service/Application	Function	Ports	Protocols
Tsunami Licensing Service	Tsunami Deployer and Tsunami Deployer Remote Service	8008	NET.TCP

1.3. PERMISSION REQUIREMENTS

When you install the Tsunami Licensing Service please make sure that the user running the Tsunami Deployer and Tsunami Deployer Remote Service is part of the local Administrators group on the machine on which the Tsunami Licensing Service is installed.

2 INSTALLING TZUNAMI DEPLOYER LICENSING SERVICE

This chapter contains information about installing Tzunami Deployer Licensing Service, including the following topics:

- *Installing Tzunami Licensing Service*
- *Configuring Tzunami Deployer and Tzunami Deployer Remote Service*

2.1. INSTALLING TZUNAMI LICENSING SERVICE

To install Tsunami Licensing Service:

1. On one of the SharePoint front-end Web Servers, unzip the zip file and then run `DeployerServiceComponentsSetup.msi`. The Tsunami Deployer 4.0 Service Components Setup Wizard (Welcome window) will be launched. To advance through the install wizard, click **Next** on the bottom of each screen.

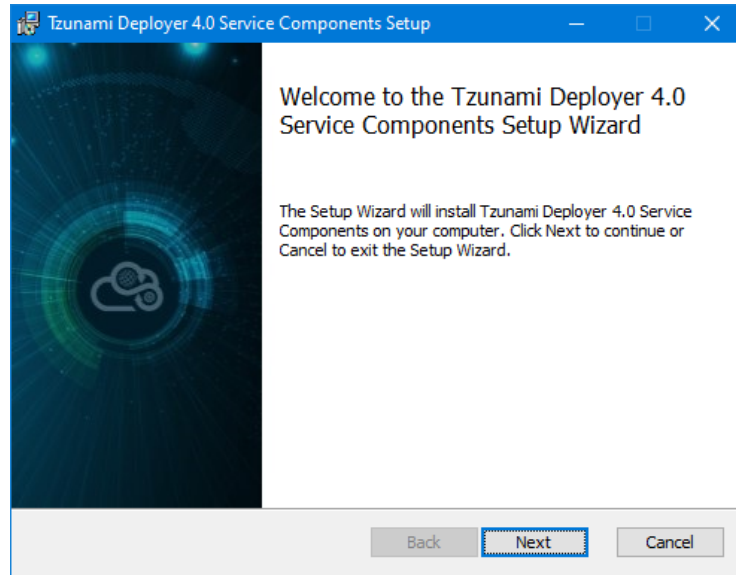


Figure 2-1: Welcome Window

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

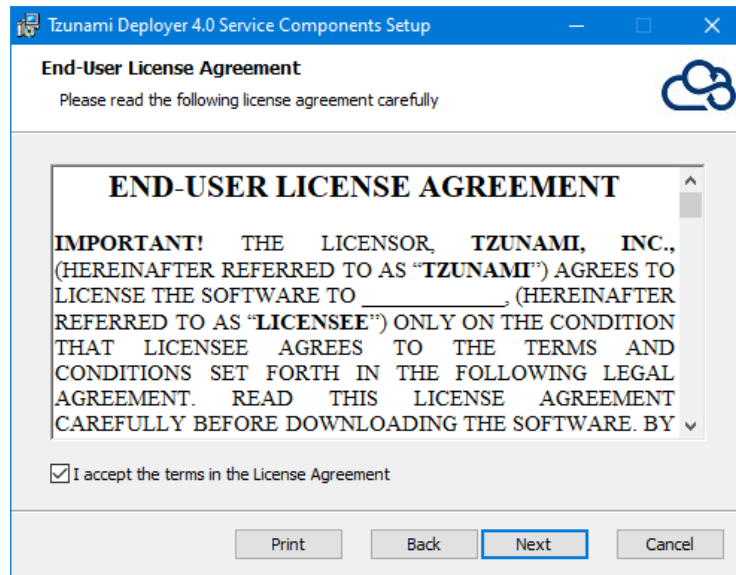


Figure 2-2: End-User Licensing Agreement Window



You are advised to read the terms of the license carefully before proceeding with the installation. Unless you accept the license terms, the installation process cannot proceed.

3. In the Custom Setup panel, click the **Deployer Remote Service** and choose **Entire Feature will be installed on local hard drive** to install Tzunami Remote Service. Click the **Deployer Licensing Server** and choose **Feature will be installed on local hard drive** to install Tzunami Licensing Service. Click the **Deployer Link Resolver Service** and choose **Feature will be installed on local hard drive** to install Tzunami Link Resolver Service.
4. After selecting the component(s) to install, 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**.

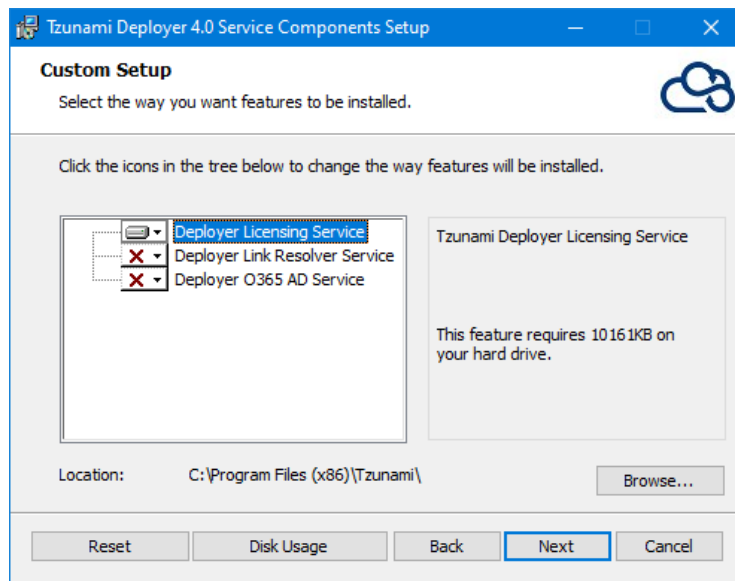


Figure 2-3: Custom Setup Window

- In the Ready to installed Tzunami Deployer 4.0 Service Components panel, click **Install**.

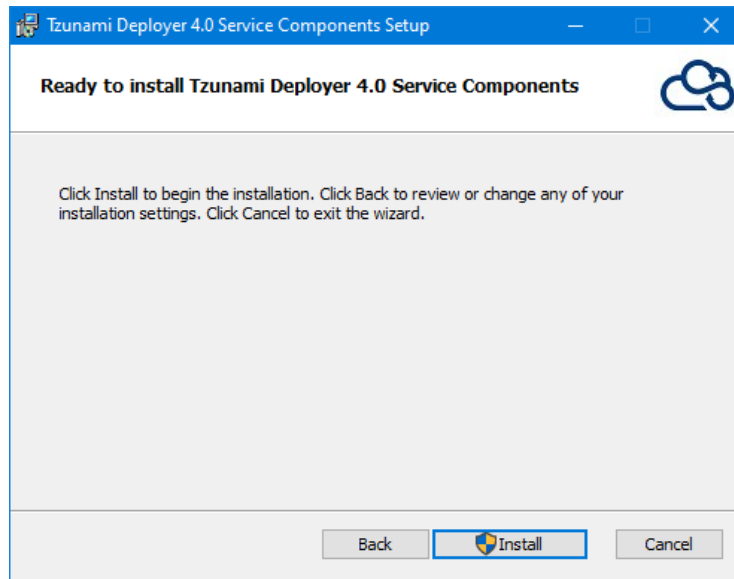


Figure 2-4: Installing Tzunami Deployer 4.0 Service Components

- In the Completed the Tzunami Deployer 4.0 Service Components Setup Wizard, click **Finish**.

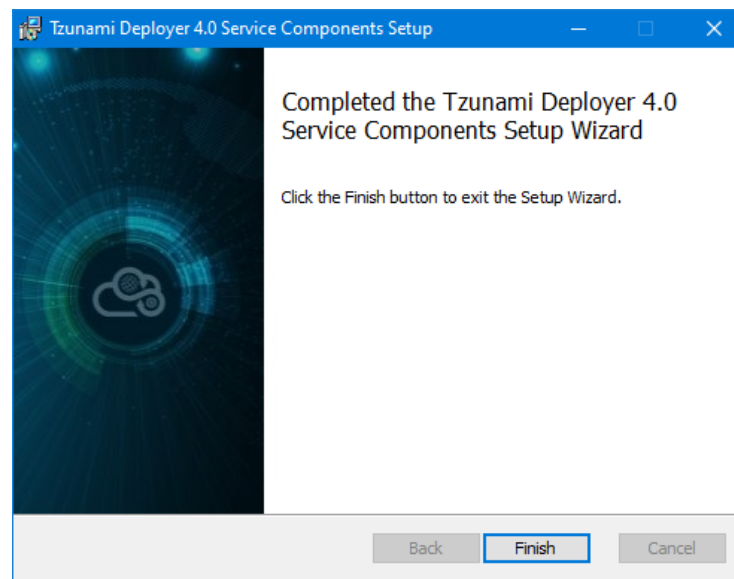


Figure 2-5: Installation Complete Window

Verify the successful installation of the service by opening the **Services** window (Click **Start** > **Run** and enter `Services.msc`) and making sure the selected component(s) is running.



If the service is not running, check the Windows Event Log for entries pertaining to the Tzunami Licensing Service components.

2.2. CONFIGURING TZUNAMI DEPLOYER AND TZUNAMI

DEPLOYER REMOTE SERVICE

Tsunami Deployer Remote Service is the component of Tsunami Deployer which is installed on the SharePoint Server. While committing a Tsunami Deployer project, Tsunami Deployer or Tsunami Deployer Remote Service checks the current license (includes quotas as per ECM's, Time Duration and number of operation) with Tsunami Licensing Service. For more information, see [Tsunami Deployer Installation Guide](#).

To ensure successful migration, you must install and configure the Tsunami Deployer or Tsunami Deployer Remote Service to communicate with the Tsunami Deployer Licensing Service.



During commit a message will be prompted, informing you to renew the current license if the current license quota is lower than committed project.

To connect Tsunami Deployer Remote Service and Tsunami Deployer Licensing Service:

1. Click **Start > All Programs > Tsunami > Deployer 4.0 Remote Service > Settings Manager**.
2. In Licensing Service Address, enter the Name or IP address of the machine where the Tsunami Licensing Service is installed. For more information, see [Tsunami Deployer Installation Guide](#).

Figure 2-6: Tsunami Service Settings Window



This configuration is configured by default for the scenario where Licensing Service and the Tsunami Deployer Remote Service are installed on the same machine.

3. Click **OK** to Save.

To connect Tsunami Deployer and Tsunami Deployer Licensing Service:



You need to connect Tsunami Deployer and Tsunami Deployer Licensing Service while committing to SharePoint Online (including On-Premise and O365 Migration API modes). For more information see [Tsunami Deployer User Guide](#).

1. Click **Start > All Programs > Tsunami > Settings Manager 4.0**.
2. In Licensing Service Address, enter the Name or IP address of the machine where the Tsunami Licensing Service is installed. For more information, see [Tsunami Deployer installation Guide](#).

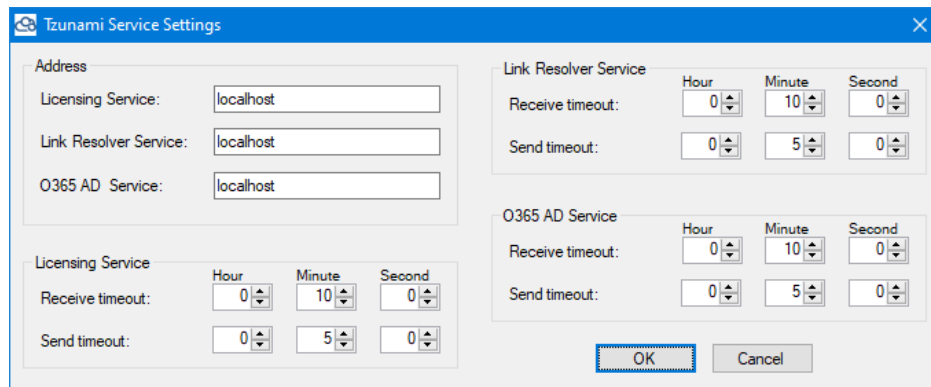


Figure 2-7: Tsunami Service Settings Window

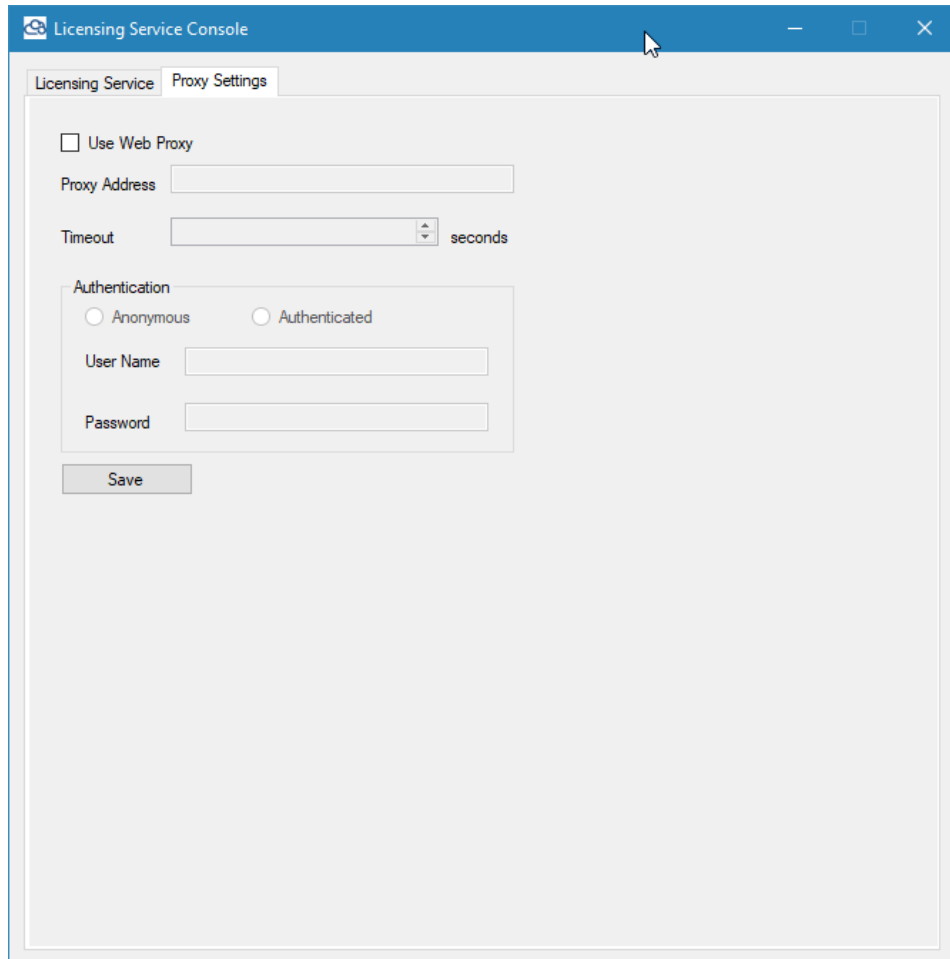
3. Click **OK** to Save.

2.3. PROXY SETTING

Tsunami Licensing service can be configured for web proxy settings. You should update the proxy setting parameter.

To set web proxy settings, follow the steps as below:

1. Open the Licensing Service Console from windows the stat menu.
2. Go to **Proxy Settings** tab.

The image shows a screenshot of the 'Licensing Service Console' application window. The window title is 'Licensing Service Console'. Inside the window, there are two tabs: 'Licensing Service' and 'Proxy Settings'. The 'Proxy Settings' tab is active. The configuration area contains the following elements:

- A checkbox labeled 'Use Web Proxy' which is currently unchecked.
- A text input field labeled 'Proxy Address'.
- A spinner control labeled 'Timeout' followed by the text 'seconds'.
- An 'Authentication' section with two radio buttons: 'Anonymous' (selected) and 'Authenticated'.
- Two text input fields: 'User Name' and 'Password', which are only visible when the 'Authenticated' radio button is selected.
- A 'Save' button at the bottom left of the configuration area.

Figure 8 Proxy Settings Configuration

3. Check the **Use Web Proxy** check box.

Update the proxy settings

For Anonymous web proxy, set following values:

- Proxy Address value with proxy server along with port.
- Timeout value in seconds.

For Authenticated web proxy, set following values:

- Proxy Address value with proxy server along with port.
- Username for proxy logging.
- Password for proxy logging.
- Timeout value in seconds.

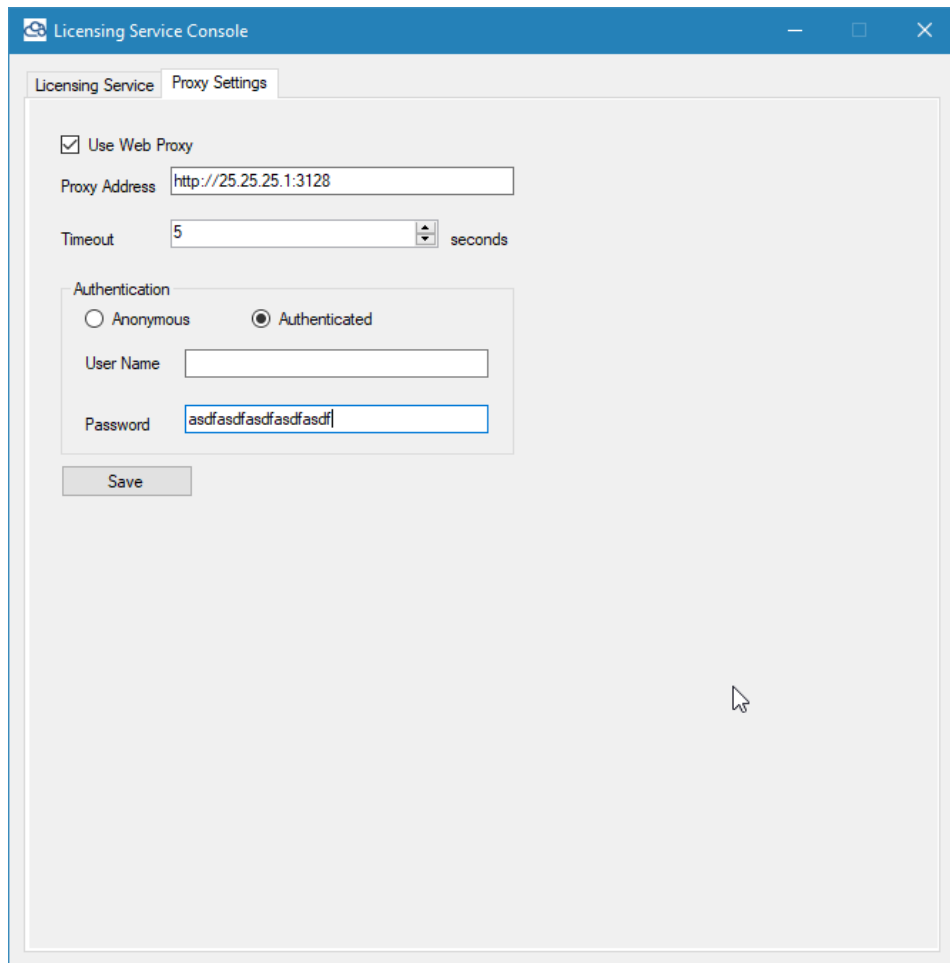


Figure 9 Updated Proxy Settings

Then, Click on **save** button.



If you want to remove the proxy settings, then uncheck the **Use Web Proxy** button and save it. If your environment has different proxy settings, then contact to Tsunami Support team.

4. Click on OK button of the message box.

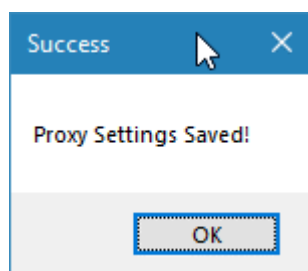


Figure 10 Saved Message Box

3 TZUNAMI DEPLOYER LICENSING SERVICE

This chapter provides information about Tsunami Deployer Licensing Service. It contains the following topics:

- *Overview*
- *Tsunami Deployer Licensing Service Workflow*
- *Activate License*

3.1. OVERVIEW

Tsunami Deployer Licensing Service provides project managers with the centralized point of management for the Tsunami Deployer licenses. Tsunami Licensing Service monitors the migration process across the organization.

Together with its management console, Tsunami Licensing Service provides the project manager with an overview of the current license (including remaining quotas per source system, time limitations, etc.), and the ability to periodic update licenses in Tsunami Cloud License provided by the Tsunami Inc.

For any question regarding usage of Tsunami Licensing Service, or for updated licenses, please contact the Tsunami Sales Team at sales@tsunami.com.

3.2. TZUNAMI DEPLOYER LICENSING SERVICE WORKFLOW

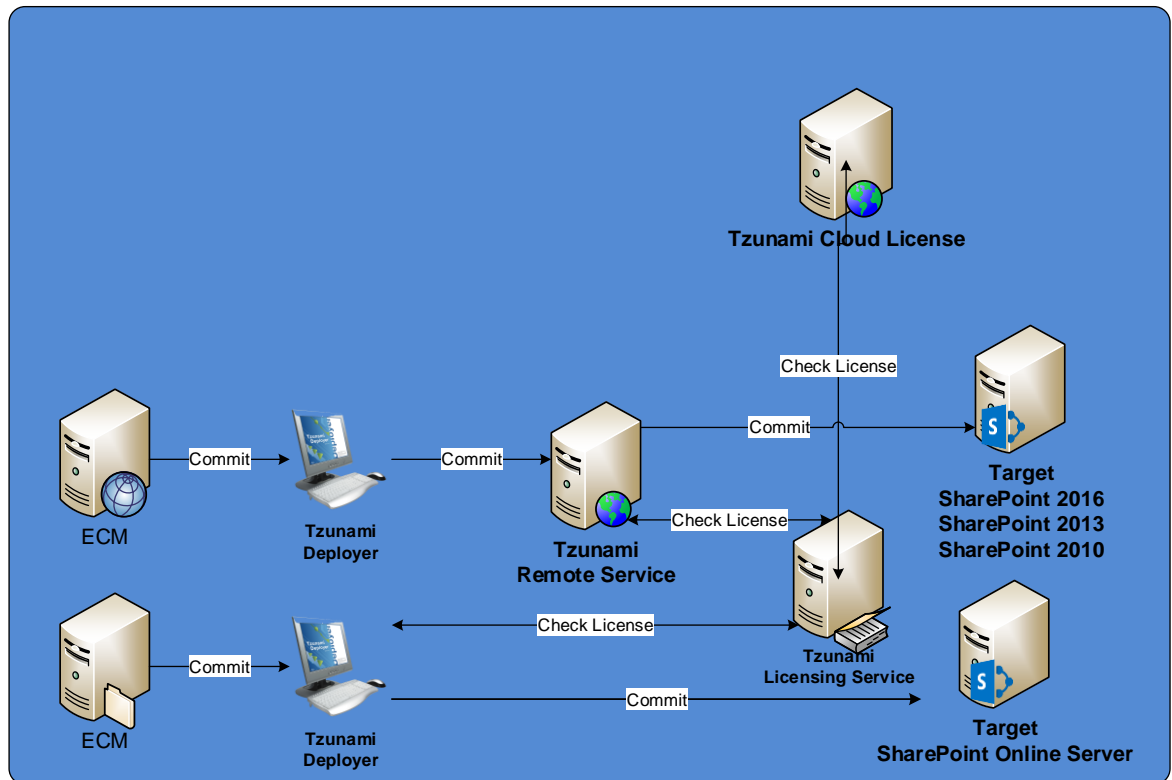


Figure 3-1 Tsunami Licensing Service Workflow

The Tsunami Deployer, Exporter or Remote service communicates with the Tsunami Licensing service installed in the network for the availability of license. The Tsunami Licensing service communicates with the Tsunami Cloud License for the availability of the license periodically. Therefore, you must allow the Tsunami Licensing Service to communicate to the cloud server. Please, make sure any organization policy will not prohibit to establish the connection. For more detail contact to Support Team at support@tsunami.com.

3.3. ACTIVATE LICENSE

When committing a project, Tsunami Deployer, Tsunami Exporters or Tsunami Deployer Remote Service communicates with Tsunami Licensing Service to check the Tsunami Deployer Licenses. For exporting and migrating contents, the license must be valid with adequate quota available. If a license has expired or if the available quota has been used up, you will be prevented from running Tsunami Deployer project.

To get the license, contact Sales Team at sales@tsunami.com . Tsunami will send the credential in email to login in the Tsunami Licensing Service Console.

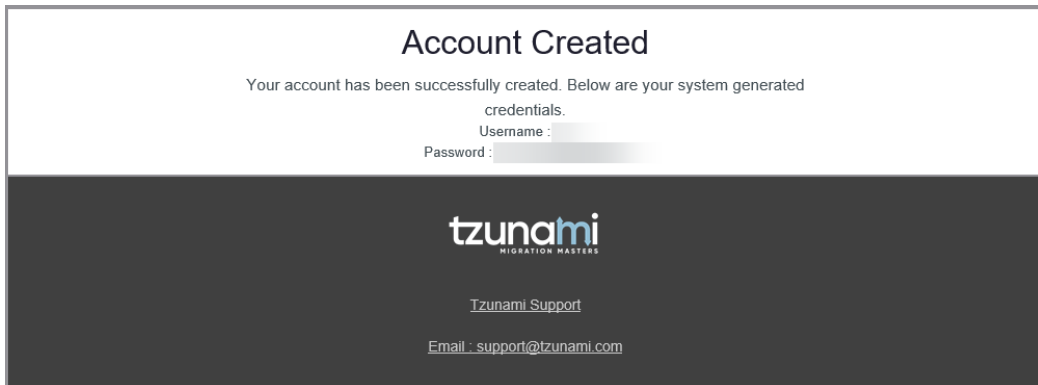


Figure 3-2 Email sample for license account

To activate the license after getting log in credential, run the Licensing Service Console from stat menu. Then provide the credential and login. Your license will be activated and displayed.

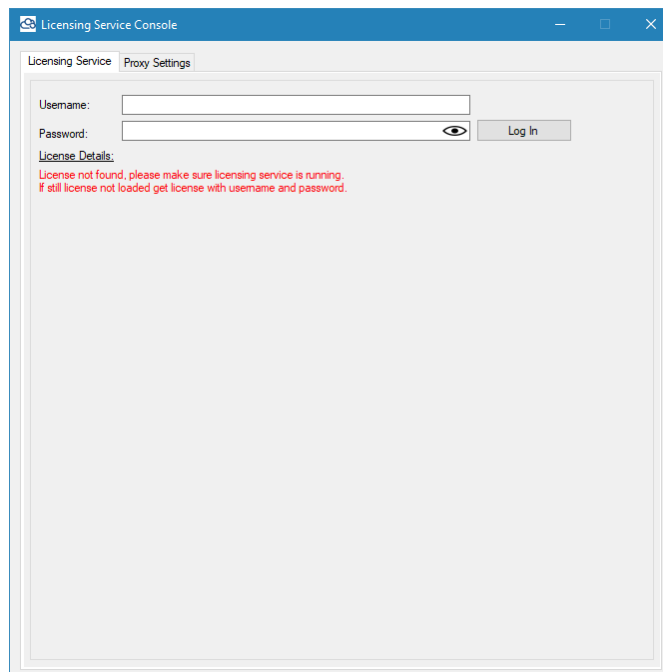


Figure 3-3: Tsunami Licensing Service Console window before license activation

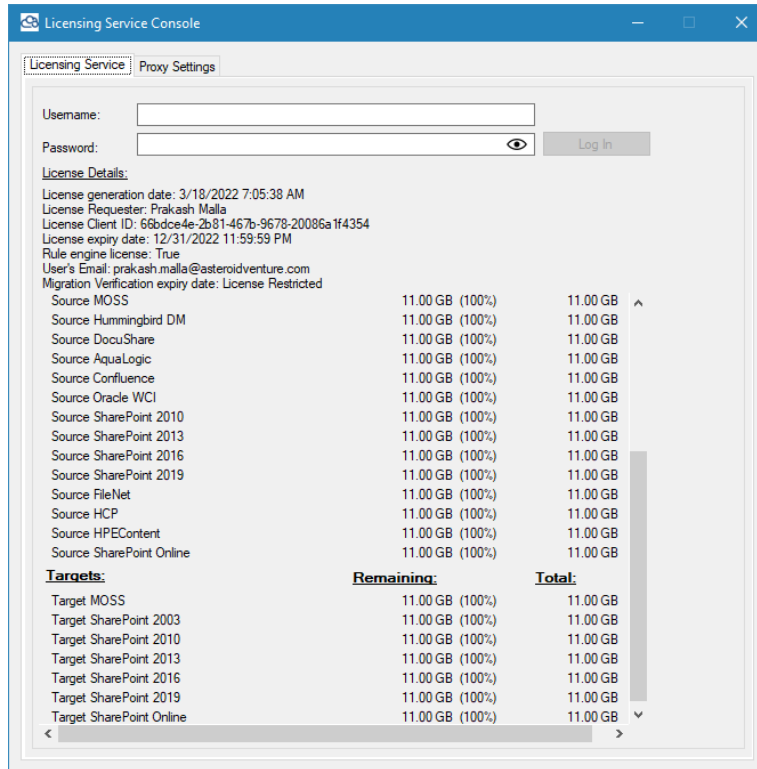


Figure 3-4 Tsunami Licensing Service Console window after license activation

The license validity date is considered based on the UTC time zone.

The activation of license from multiple machines is forbidden. You have to inform the Support Team if you want to change licensing service from one machine to another machine to run the Tsunami Licensing Service in your network.

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