

Installing Web Application Platform manually

The content of this chapter is intended for system administrators. Here, you can learn how to install and configure Web Application Platform and its services without using the installer file.

Web Application Platform with its services can run on the following third-party web servers like:

- Apache Tomcat
- GlassFish
- WildFly
- Eclipse Jetty

Installation prerequisites and other important information

Before installing Web Application Platform with services, you need to:

- Have a working instance of Teamwork Cloud.
 - If you intend to install the Cameo Collaborator for Teamwork Cloud service, make sure that [the FlexNet license server](#) is installed beforehand.
- To install Web Application Platform
- For deployment on Linux, increase the open file limit for the OS (or for Web Application Platform/Tomcat) to a minimum of 20 000 files.

1. Have access to the KeyStore file with the same certificate that is used in Teamwork Cloud for authentication configuration.
2. Download and install the web server on which Web Application Platform will run. For installation instructions, see the documentation of the server you intend to install.
3. Download the [Web_App_Platform_<version number>_<operating system>_no_install.zip](#) file which includes the following web applications:
 - [collaborator.war](#) - The service for managing Teamwork Cloud users, roles, and resource assignments.
 - [webappplatform.war](#) - The service allowing users to authenticate access to Teamwork Cloud.
 - [authserver.war](#) - The service allowing users to review, edit, and collaborate on Cameo Collaborator documents.
 - [flexnet.war](#) - The service allowing users to export Cameo Collaborator documents to PDF and HTML.
 - [platform.war](#) - The service discovery-related properties
4. If you want to install the authentication server authentication server together with Web Application Platform, open for editing the `<no-install_root>/CATIANoMagicServices/WebAppPlatform/shared/conf/authserver.properties` file, read the comments with property descriptions, and specify the following:
 - [cassandra.connection.parameters](#) - The service for managing Teamwork Cloud resources.
 - [general.properties](#) - The service for managing Teamwork Cloud resources.
 - [resources.war](#) - The service with live visual graph capabilities representing Teamwork Cloud resource usages and
5. Place the following files into the location that is on the classpath of the web server you have installed:
 - `<no-install_root>/CATIANoMagicServices/WebAppPlatform/shared/conf/webappplatform.properties` file
 - `<no-install_root>/CATIANoMagicServices/WebAppPlatform/shared/conf/authserver.properties` file (if you want to install the authentication server authentication.war)
 - `<no-install_root>/CATIANoMagicServices/WebAppPlatform/shared/conf/data` directory containing email notifications and document exporter templates (if you plan to install Cameo Collaborator for Teamwork Cloud (`collaborator.war`) and/or document exporter (`document-exporter.war`))

Before starting the installation, you should know the following:



Example

- We recommend that you have installed Apache Tomcat 10.1 or a later version, you can choose from the following options (refer to server documentation for all available options):
 - Before installing Web Application Platform, make sure to note down Zookeeper, Cassandra, Teamwork Cloud, and the FlexNet server
6. Deploy the desired web applications, e.g., `webapp.war`, `admin.war`, `collaborator.war`, `resources.war`, etc.
 7. Open a web browser and enter the web application address as well as the KeyStore file location (you can find it in the `<install_root>/TeamworkCloud/configuration` directory).
 8. When the installation is finished, update the `authentication.redirect.uri.whitelist` property in the `authserver.properties` file by adding the Web Application Platform address `http(s)://<domain_name>:<port>/webapp`.
 9. If you choose to install Cameo Collaborator for Teamwork Cloud, apply the Cameo Collaborator license.

paths defined by the "shared.loader" property in the `$(tomcat.home)/conf/catalina.properties` file.

Once Web Application Platform with plugins is installed, access it by opening a web browser and navigating to `http(s)://<domain_name>:<port>/webapp`.



Starting Web Application Platform manually

You want to [start Web Application Platform](#), start Zookeeper first and only then - Web Application Platform.