

# Installing Web Application Platform on Linux with GUI

The content of this chapter is intended for system administrators. Here you can learn how to install and configure Web Application Platform with Cameo Collaborator and other web applications used with Teamwork Cloud.

## Installation prerequisites and other important information

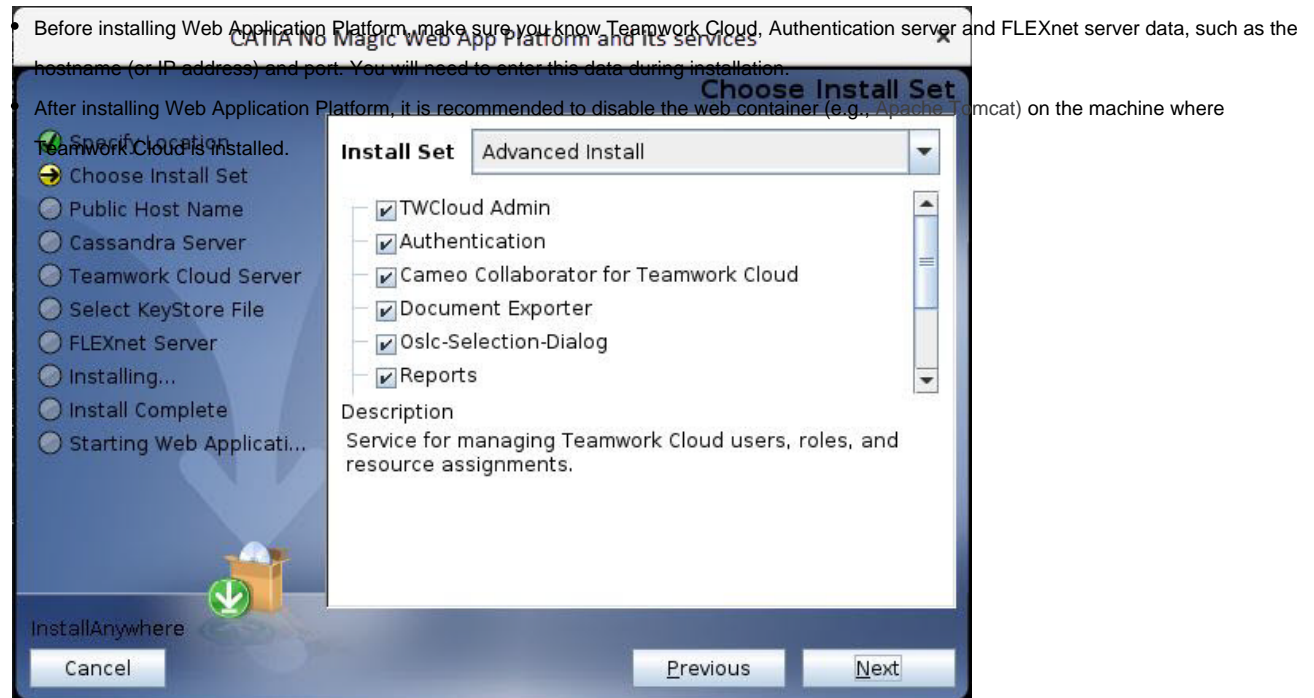
Before installing Web Application Platform with services, you need to:

- Have a working instance of [Teamwork Cloud](#).
- If you intend to install the Cameo Collaborator for Teamwork Cloud application, make sure that the [FlexNet license server](#) is installed beforehand.

1. Download the `Web_App_Platform_<version number>_linux.sh` file.
2. Specify the location where you want to install the Web Application Platform in one of the following ways:
  - Use the default location suggested in the **Where would you like to install?** box.
  - Click **Choose** and select a location on your machine.

Before clicking **Next** on the installation, you should know the following:

4. Select the **Advanced Install** radio button and click **Next**.
5. Select the checkboxes next to the services you want to install and click **Next**.
  - We recommend installing Web Application Platform and Teamwork Cloud on different machines.

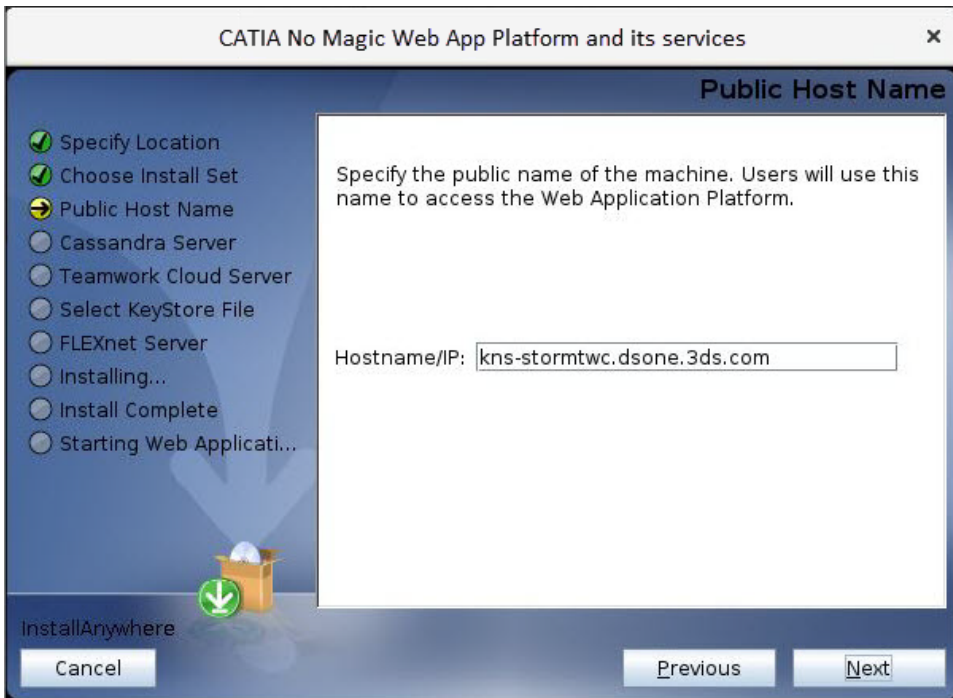


### Tip

Click the service name to read its description at the bottom of the installation wizard or read the service documentation listed below:

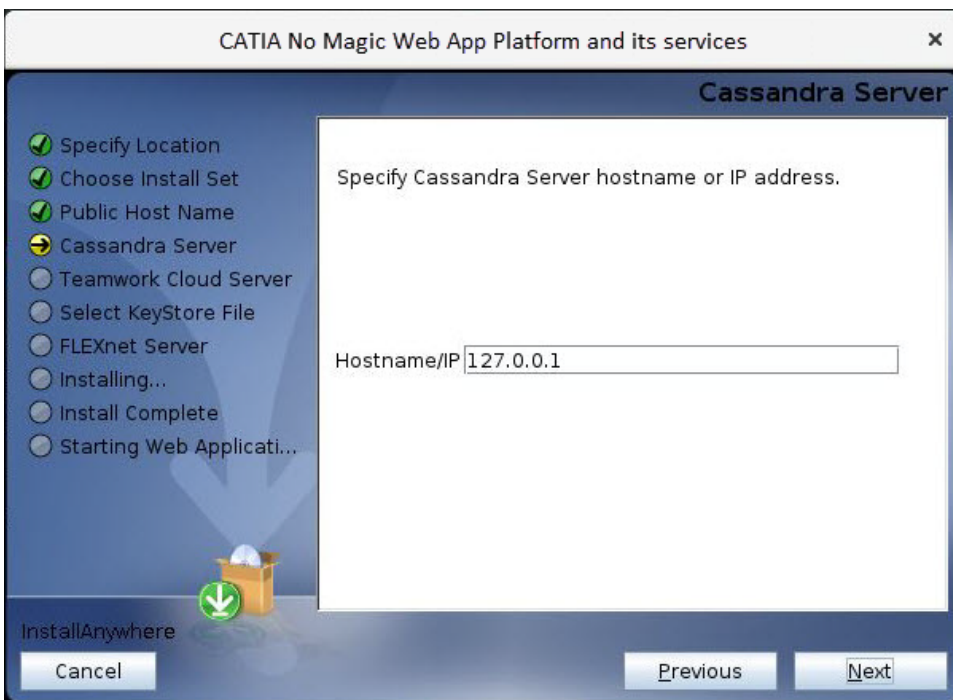
- [Teamwork Cloud Admin](#)
- [Authentication](#)
- [Cameo Collaborator for Teamwork Cloud](#)
- [Document Exporter](#)
- [Oslc-Selection-Dialog](#)
- [Reports](#)
- [Resource Usage Map](#)
- [Resources](#)
- [Simulation](#)
- [WebApp](#)

6. Specify the public hostname (or IP address) of the machine and click **Next**.



The dialog box is titled "CATIA No Magic Web App Platform and its services" and has a close button (X) in the top right corner. The main title is "Public Host Name". On the left, there is a list of steps with radio buttons: "Specify Location" (checked), "Choose Install Set" (checked), "Public Host Name" (selected with a yellow arrow), "Cassandra Server", "Teamwork Cloud Server", "Select KeyStore File", "FLEXnet Server", "Installing...", "Install Complete", and "Starting Web Applicati...". Below the list is a green arrow pointing down into a box. At the bottom left is the "InstallAnywhere" logo. The main area contains the text: "Specify the public name of the machine. Users will use this name to access the Web Application Platform." Below this is a text field labeled "Hostname/IP:" with the value "kns-stormtwc.dsone.3ds.com". At the bottom are three buttons: "Cancel", "Previous", and "Next".

7. Specify the hostname (or IP address) of the Cassandra server and click **Next**.



The dialog box is titled "CATIA No Magic Web App Platform and its services" and has a close button (X) in the top right corner. The main title is "Cassandra Server". On the left, there is a list of steps with radio buttons: "Specify Location" (checked), "Choose Install Set" (checked), "Public Host Name" (checked), "Cassandra Server" (selected with a yellow arrow), "Teamwork Cloud Server", "Select KeyStore File", "FLEXnet Server", "Installing...", "Install Complete", and "Starting Web Applicati...". Below the list is a green arrow pointing down into a box. At the bottom left is the "InstallAnywhere" logo. The main area contains the text: "Specify Cassandra Server hostname or IP address." Below this is a text field labeled "Hostname/IP:" with the value "127.0.0.1". At the bottom are three buttons: "Cancel", "Previous", and "Next".

8. Specify the Teamwork Cloud hostname (or IP address), REST API port, and client API port in the appropriate boxes.

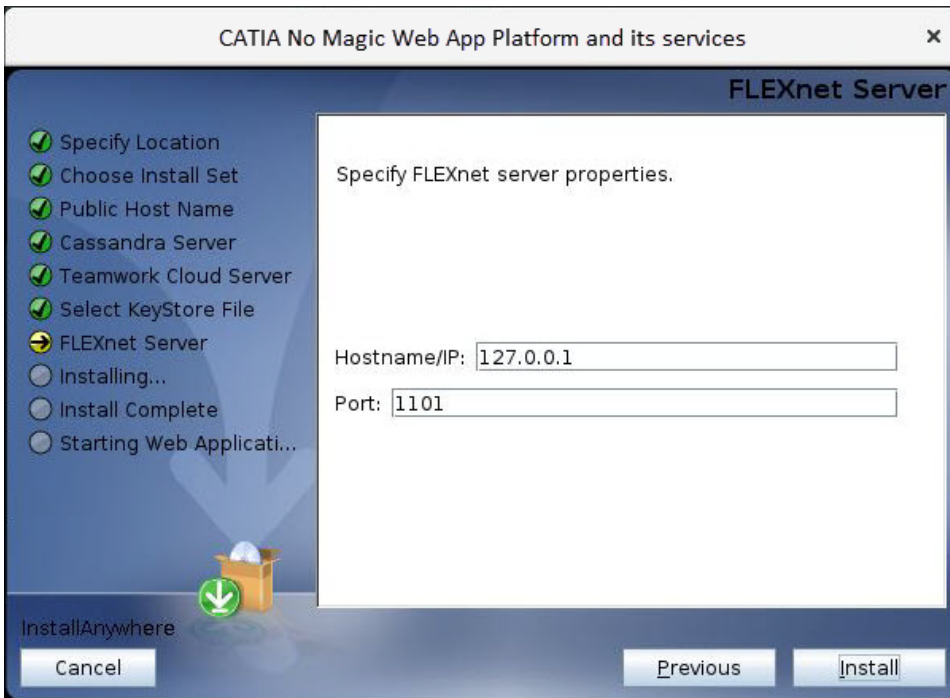
9. If your Teamwork Cloud instance uses SSL certificates, select the **SSL** check box.

The screenshot shows the 'Teamwork Cloud Server' configuration window. On the left, a list of installation steps is shown with progress indicators: 'Specify Location', 'Choose Install Set', 'Public Host Name', 'Cassandra Server', 'Teamwork Cloud Server' (highlighted with a yellow arrow), 'Select KeyStore File', 'FLEXnet Server', 'Installing...', 'Install Complete', and 'Starting Web Applicati...'. The main area contains the text 'Specify Teamwork Cloud server properties.' and three input fields: 'Hostname/IP:' with the value '127.0.0.1', 'REST port:' with the value '8111', and 'TWC client port:' with the value '3579'. Below these fields is a checked checkbox labeled 'SSL'. At the bottom, there are 'Cancel', 'Previous', and 'Next' buttons. A small icon of a box with a green arrow pointing down is visible in the bottom left corner of the main area.

10. Click **Next**.  
11. Specify the KeyStore file with the same certificate that is used in Teamwork Cloud for authentication configuration and click **Next**.

The screenshot shows the 'Select KeyStore File' configuration window. On the left, the list of installation steps is updated: 'Specify Location', 'Choose Install Set', 'Public Host Name', 'Cassandra Server', 'Teamwork Cloud Server', 'Select KeyStore File' (highlighted with a yellow arrow), 'FLEXnet Server', 'Installing...', 'Install Complete', and 'Starting Web Applicati...'. The main area contains the text 'Select the KeyStore file with the same certificate that is used in Teamwork Cloud for authentication configuration.' and a note: 'NOTE: The KeyStore file will be copied to <webapp\_platform\_installation\_directory>/conf Path Example: /tmp/keystore.p12'. Below the note is a text field labeled 'Keystore file:' with the value '/usr/local/bin/tmp/keystore.p12'. There are two buttons below the text field: 'Restore Default' and 'Choose...'. At the bottom, there are 'Cancel', 'Previous', and 'Next' buttons. A small icon of a box with a green arrow pointing down is visible in the bottom left corner of the main area.

12. Specify the FLEXnet server hostname (or IP address) and port in the appropriate boxes and click **Install**.



13. When you get the notification that Web Application Platform is successfully installed, click **Next**.
14. If you want to start Web Application Platform after exiting the installation wizard, select the **Start Zookeeper and WebApp as a service** check box.
15. Click **Done**.
16. 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` as its value.
17. If you chose to install Came Collaborator for Teamwork Cloud, [apply the Cameo Collaborator license](#).

Web Application Platform is now installed with the selected services and started if you choose this option in step 15. To access Web Application Platform, open a web browser and go to `http(s)://<domain_name>:<port>/webapp`. By default, the Web Application Platform uses port 8443.



#### Starting Web Application Platform manually

If you want to [start Web Application Platform manually](#), start Zookeeper first and then start Web Application Platform.

#### Related pages

- [Installing Web Application Platform on Windows](#)
- [Installing Web Application Platform manually](#)

#### Scripts for upgrading Java and Tomcat in the Linux environment

- **Java:** [upgrade\\_jdk\\_webapp.sh](#)
- **Tomcat:** [upgrade\\_tomcat\\_webapp.sh](#)