

Installing Web Application Platform on Linux

The content of this page is intended for system administrators. Here you can learn how to install and configure Web Application Platform with Cameo Collaborator and other web applications by using the command-line interface

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

To install the Web Application Platform for production use beforehand.

1. Download the Web App Platform <version number>_unix.sh file.
2. Open the terminal and go to the directory where the Web_App_Platform_<version number>_unix.sh file is stored.
3. Execute the following command:

• Increase the open file limit for the OS (or for Web Application Platform/Tomcat) to a minimum of 20 000 files.

```
./Web_App_Platform_<version number>_unix.sh -i console
```

Before starting the installation, you should know the following:

3. When recommended installing Web Application Platform and Teamwork Cloud on different machines.

• Before installing Web Application Platform, make sure you know Teamwork Cloud Authentication server and FLEXnet server data, such as the

```
Introduction
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InstallAnywhere will guide you through the installation of No Magic Web App Platform and its services.

It is strongly recommended that you quit all programs before continuing with this installation.

Respond to each prompt to proceed to the next step in the installation. If you want to change something on a previous step, type 'back'.

You may cancel this installation at any time by typing 'quit'.

PRESS <ENTER> TO CONTINUE: █
```

4. Specify the location where you want to install Web Application Platform:
 - Press **Enter** to use the "Default Install Folder".
 - Enter the full path to the installation directory and press **Enter**.

```
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Choose Install Folder
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Where would you like to install?

Default Install Folder: /opt/local/No_Magic_Web_App_Platform

ENTER AN ABSOLUTE PATH, OR PRESS <ENTER> TO ACCEPT THE DEFAULT
: █
```

5. Enter "2" to select the Advanced install option and press **Enter**.

```
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Choose Install Set
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Please choose the Install Set to be installed by this installer.

->1- Default Install
    2- Advanced

ENTER THE NUMBER FOR THE INSTALL SET, OR PRESS <ENTER> TO ACCEPT THE DEFAULT
: 2 █
```

6. Choose which services you want to install.

- To install all available services listed in the figure below, press **Enter**.
- If there are services you DO NOT want to install, enter a comma-separated list of the numbers representing the services you want to deselect and press **Enter**.

```

=====
Choose Product Features
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ENTER A COMMA SEPARATED LIST OF NUMBERS REPRESENTING THE FEATURES YOU WOULD
LIKE TO SELECT, OR DESELECT. TO VIEW A FEATURE'S DESCRIPTION, ENTER
'?<NUMBER>'. PRESS <RETURN> WHEN YOU ARE DONE:

  1- [X] TWCloud Admin
  2- [X] Authentication
  3- [X] Cameo Collaborator for Teamwork Cloud
  4- [X] Document Exporter
  5- [X] Osic-Selection-Dialog
  6- [X] Reports
  7- [X] Resource Usage Map
  8- [X] Resources
  9- [X] Simulation
 10- [X] WebApp

Press <ENTER> to install above selected features or choose the corresponding
number to change the feature selection: █

```

7. Specify the public hostname or IP address of the machine and press **Enter**.

```

=====
Public Host Name
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Specify the public name of the machine. Users will use this name to access the
Web Application Platform.

Hostname/IP: (Default: kns-stormtwc.dsone.3ds.com): █

```

8. Specify the hostname or IP address of the Cassandra server and press **Enter**.

```

=====
Cassandra Server
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Specify Cassandra Server properties

Hostname/IP: (Default: 127.0.0.1): █

```

9. Specify the hostname or IP address of the Teamwork Cloud server (for example, 127.0.0.1) and press **Enter**.

```

=====
Teamwork Cloud Server
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Specify Teamwork Cloud server properties.

Hostname/IP: (Default: 127.0.0.1): █

```

10. Specify the Teamwork Cloud REST API port (for example, 8111) and press **Enter**.

```

=====
Teamwork Cloud Server
-----

Specify Teamwork Cloud server properties.

REST port: (Default: 8111): █

```

11. Specify the Teamwork Cloud client API port (for example, 3579) and press **Enter**.

```

=====
Teamwork Cloud Server
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Specify Teamwork Cloud server properties.

TWC client port (Default: 3579): █

```

12. Specify if your Teamwork Cloud instance uses SSL certificates:
 - If Teamwork Cloud uses SSL, press **Enter**.
 - If Teamwork Cloud does not use SSL, type "0" and press **Enter**.

```

=====
Teamwork Cloud Server
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Specify Teamwork Cloud server properties.

Type 0 to disable SSL.

SSL: (Default: 1): █

```

13. Specify the full path to the KeyStore file with the same certificate that is used in Teamwork Cloud for authentication configuration and press **Enter**.

```

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Select KeyStore File
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Select the KeyStore file with the same certificate that is used in Teamwork
Cloud for authentication configuration.

NOTE: The KeyStore file will be copied to
<webapp_platform_installation_directory>/conf

KeyStore file: (Default: /tmp/keystore.pl2): █

```

14. Specify the FLEXnet server hostname or IP address (for example, 127.0.0.1) and press **Enter**.

```

=====
FLEXnet Server
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Specify FLEXnet server properties.

Hostname/IP: (Default: 127.0.0.1): █

```

15. Specify the FLEXnet server port (for example, 1101) and press **Enter**.

```

=====
FLEXnet Server
-----

Specify FLEXnet server properties.

Port: (Default: 1101): █

```

16. Once you get the pre-installation summary, review it and press **Enter** to start the installation.
17. When you get the notification that Web Application Platform is successfully installed, press **Enter**.
18. If you want to start the Web Application Platform and Zookeeper service after exiting the installation, press **Enter**. Otherwise, type "0" and press **Enter**.

```

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Starting Web Application Platform and Zookeeper as a service
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Default value is 1 that means that service will be started when installation
is completed.

Set value to 0 if you don't want to start service after installation is
completed.

Start Web Application Platform as service (Default: 1): █

```

19. 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.
20. 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 18. To access Web Application Platform, open a web browser and go to *http(s)://<domain_name>:<port>/webapp*. By default, Web Application Platform uses port 8443.



Starting Web Application Platform manually

If you want to start Web Application Platform manually, start Zookeeper first and only then - Web Application Platform.

Scripts for upgrading Java and Tomcat in the Linux environment

- **Java:** [upgrade_jdk_webapp.sh](#)
- **Tomcat:** [upgrade_tomcat_webapp.sh](#)