

# Changing SSL certificates

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By default, Web Application Platform is installed with SSL certificates. If needed, you can change the existing SSL certificate file with a new one as described in the section below.

## Creating an SSL certificate file

Follow the steps below to create an SSL certificate file that you can later add to Web Application Platform.

To create the SSL certificate file

- In the command-line execute the following command:

```
keytool -genkey -noprompt -alias tomcat -dname "CN=<fqdn/host_name/ip_address>,OU=<organizational_unit>,O=<company_name>,L=<city>,S=<state/province>,C=<country_code>" -keystore ../conf/webapp.jks -storepass <password> -keypass <password> -keyalg RSA -keysize 2048 -validity 3600 -ext SAN=dns:<host_name>,ip:<ip_of_the_machine_running_wap>
```



### Important

Make sure that you replace the placeholders (between <>) in the command with actual values:

- CN - enter the fully qualified domain name, host name, or IP address for which the certificate should be issued.

## Changing the SSL certificate file

- OU - enter your organizational unit.

You can change the default SSL certificate file that comes with Web Application Platform installation as described below.

- L - enter your city.

To change the SSL certificate file

- S - enter your state or province.

- C - enter your the two-letter code of your country.

1. Go to the `<webapps platform installation directory>` and open the `server.xml` file.

2. In the `server.xml` file, change the values of the following properties:

- `keyPass` - enter the certificate keystore password (should be the same as the `storepass` value).
- `certificateKeystoreFile` - `<path_to_certificate_file>`
- `certificateKeystorePassword` - `<password>`

- `SAN=dns` - enter the host name for which the certificate should be issued (should be the same as the CN value).

- `ip` - enter the IP address of the machine where Web Application Platform is installed



### Important

Replace the placeholders between angle brackets (<>) with the path to a new SSL certificate file and the key password.

If you have [created the SSL certificate](#) file as described in the above section, make sure that you specify the same key password as the `storepass`

3. Save and close the `server.xml` file.
4. Restart Web Application Platform.