SSL Certificate – BEA Systems

Installation Guide

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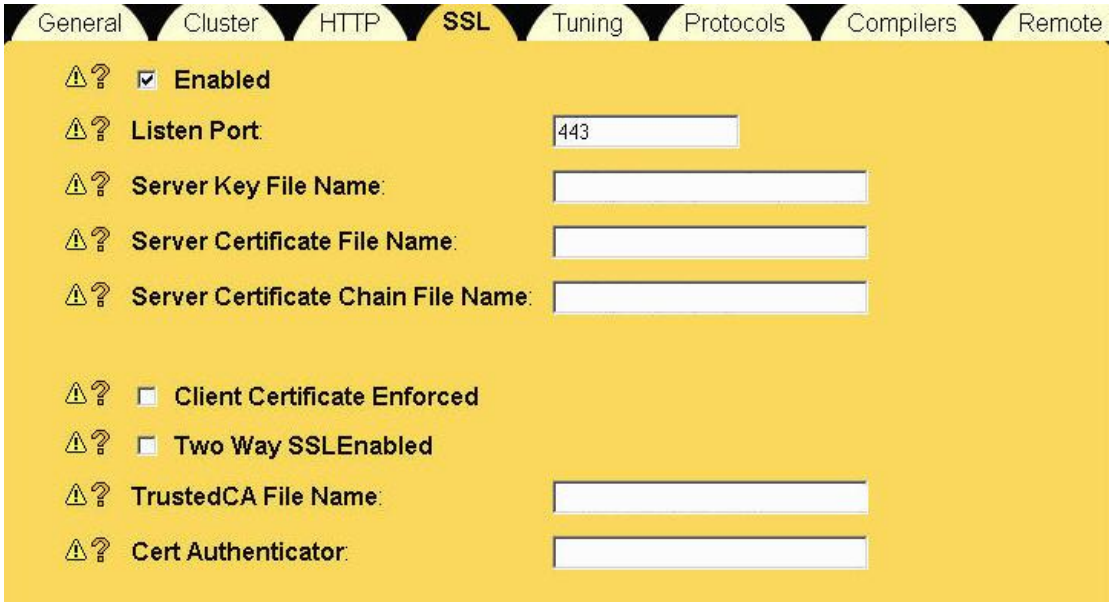
Installation Instructions for BEA Weblogic 6.0 & 7.0

Installation Instructions for BEA WebLogic Server 8.0 - 10.0

Installation Instructions for BEA Weblogic 6.0 & 7.0

Install the Intermediate CA and the SSL Certificate

1. Open the **BEA Administration Console**.
2. Open the **Server Configuration** window.
3. Select the **SSL** tab. Define the fields on this tab by entering values and checking the required checkboxes.



Server Key File Name - Path to the private key file

Server Certificate File Name - Path to the SSL Certificate file

Server Certificate Chain File Name - Path to the Intermediate CA Certificate file

TrustedCA File Name - Path to the Intermediate CA Certificate file

4. Select **Use Encrypted Keys**
5. Click the **Apply** button to save your changes.
6. Reboot WebLogic Server.
7. To verify if your certificate is installed correctly, use the Symantec Installation Checker.

BEA WebLogic

For more information, see the BEA Weblogic Support documentation

Installation Instructions for BEA WebLogic Server 8.0 - 10.0

Step 1. Download Symantec CA Certificate:

1. Download the Intermediate CA certificate.
   Select the appropriate Intermediate CA certificate for your SSL Certificate type.
2. Copy the **Intermediate CA certificate** and paste it on a Notepad. Save the file as **Intermediate.txt**

Step 2. Obtain the SSL Certificate

1. Symantec will send the SSL Certificate via e-mail. Copy the certificate from the body of the email.

   The text file should look like:

   -----BEGIN CERTIFICATE-----

   [encoded data]

   -----END CERTIFICATE-----

2. **Paste** the certificate on a Notepad
3. Open the **Intermediate.txt** file from **Step 1**, copy the content and paste it right bellow your certificate.
4. The file should look like this when finished:

   -----BEGIN CERTIFICATE-----
   (Your SSL certificate)
   -----END CERTIFICATE-----
   -----BEGIN CERTIFICATE-----
   (Intermediate certificate)
5. -----END CERTIFICATE-----

6. Save the file as **Mycert.pem**

Step 3: Install the SSL Certificate

1. Using the java keytool command line utility, import the pem file you created above using the following command:

   keytool -import -alias tomcat -keystore /path_to_keystore/mykeystore -file Mycert.pem

   NOTE: The command should be typed on one line. This command imports the certificate into the keystore named mykeystore in the working directory. Your keystore path and name may be different.

Step 4: Configure the Identity and Trust keystores for WebLogic Server

In the left pane of the Console, expand **Environment** and select **Servers**.

1. Click the name of the server for which you want to configure the identity and trust keystores.
2. Select **Configuration > Keystores**.
3. By default, WebLogic ships with demo certificates for testing purposes.
4. Click the **'Change'** link in the upper-right portion of the configuration items. This will display the drop-down list of options for configuration.
5. Choose **'Custom Identity and Java Standard Trust'** from the list.
6. Specify the identity keystore information:
   - **Custom Identity key store file**

     Name: c:\where\my\keystore\is\located\mykeystore.keystore (The fully qualified path to your keystore)
   - **Custom Identity key Store Type**: jks (Generally, this attribute is jks)
   - **Custom Identity key Store Pass Phrase**: keystore_password (The password defined when creating the keystore)
   - **Confirm Customer Identity key Store Pass Phrase:** Keystore_password (The password defined when creating the keystore)
   - **Java standard Trust Key Store Pass Phrase:** changeit (unless your system admin changed it the password for the cacerts keystore is "changeit"

- **Confirm Java Standard Trust Key Store Pass Phrase**: changeit (unless your system admin changed it the password for the cacerts keystore is "changeit")

8. Click **'continue'**

[Review SSL Private Key Settings]

- **Private key Alias:** keyEntry_friendly_name (the alias is the friendly name for your keyEntry (private key), if you do not remember it please run the following command to confirm the alias: keytool -list -keystore [keystore_friendly_name] -v)
- **Passphrase:** keyEntry_password (specify the keyEntry (private key) password. The password for the private key may differ from the one for the keystore)
- **Confirm Passphrase:** keyEntry_password (specify the keyEntry (private key) password. The password for the private key may differ from the one for the keystore)

9. Click **'continue'**
10. Click **Finish**.
11. **Reboot** WebLogic Server.
12. Verify certificate installation using the Symantec Installation Checker.

BEA Weblogic

For more information, refer to Weblogic documentation.