ESET Tech Center

Set an ESET Remote Administrator Web Console running on Linux to utilize HTTPS (6.x)

Ondersteuning | ESET Nederland - 2017-11-08 - Reacties (0) - 6.x

https://support.eset.com/kb5695

Be careful to change the service name

This solution is for `apt` based distributions like Ubuntu. For the other distributions like Fedora you have to change the service name `tomcat7` to `tomcat` .

Click here for instructions on using an already signed key.

1. Run the following command:

   ```
   sudo keytool -genkey -alias tomcat -keyalg RSA -keystore/etc/ssl/certs/java/era_web_console.keystore -storepass password -validity 3650 -keysize 4096
   ```

2. Open the file `sudo nano /var/lib/tomcat7/conf/server.xml.`

3. Search or scroll until you find `<Connector port="8443">` and edit the area for connector port as follows:

   ```
   <Connector port="8443" protocol="HTTP/1.1"
   SSLEnabled="true"
   maxThreads="150"
   scheme="https"
   secure="true"
   keystoreFile="/etc/ssl/certs/java/era_web_console.keystore"keystorePass="password"
   keyAlias="tomcat"
   clientAuth="false"
   sslProtocol="TLS"
   ```

/>

Use an already signed key

1. Purchase a key file from one of the certifying authorities for your ESET Remote Administrator (ERA) address.

2. Copy this key to your Ubuntu server, preferably as a .pfx file.

3. Determine the alias of the key file by running the following command:

   ```
   keytool –list –storetype pkcs12 –keystore keyfilename.pfx –v | grep Alias
   ```

   > ### Password required
   >
   > This command will prompt you for the password you used to create the key from the certifying authority.

4. Convert the .pfx file to .jks using the following command:
   ```
   keytool –importkeystore –srckeystore keyfilename.pfx –srcstoretype pkcs12 –destkeystore keyfilename.jks –deststoretype jks
   ```

   > ### Password required
   >
   > This command will prompt you for the password you used to create the key from the certifying authority. It will also prompt you to create a password for the newly converted key file.

5. Edit the configuration file to use the new .jks file, using the following command:
   ```
   sudo nano /var/lib/tomcat7/conf/server.xml
   ```

   Find the section that says `<Connector port="8443">` and edit the section to look like this:

```
<Connector port="8443"
protocol="HTTP/1.1"
SSLEnabled="true"
maxThreads="150"
scheme="https"
secure="true"
keystoreFile="location of the newly created .jks
file, for example /home/user/keyfilename.pfx"
keystorePass="password"
keyAlias="use the alias you determined in the
previous step"
clientAuth="false"
sslProtocol="TLS"
/>
```

6. Restart Tomcat using the following command:

```
sudo service tomcat7 restart
```

Tags

ERA 6.x

Linux