

Add new HTTPS listener

[Add new HTTP Listener](#)

[Adding new listeners](#)

To add a new HTTPS listener click on the link **Tomcat|Jetty BIO|NIO|APR HTTPS Connector**. The following figure illustrates some of the parameters possible for creating a new Tomcat BIO HTTPS listener. Each parameter has a default value and an explanatory text. Fill in with your values and click on **Save**.

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Add a new Tomcat BIO HTTPS Connector

(* denotes a required attribute)

Attribute	Type	Value	Description
*uniqueName	String	<input type="text"/>	A name that is different than the name for any other web connectors in the server (no spaces in the name please)
*address	String	<input type="text" value="0.0.0.0"/>	The host name or IP to bind to. The normal values are 0.0.0.0 (all interfaces) or localhost (local connections only).
*keystoreFile	String	<input type="text"/>	The file that holds the keystore (relative to the Geronimo install dir)
*port	Integer	<input type="text" value="8443"/>	The TCP port number on which this Connector will create a server socket and await incoming connections. Your operating system will allow only one server application to listen to a particular port number on a particular IP address.
useIPvHosts	Boolean	<input type="checkbox"/>	Set this attribute to true to cause Tomcat to use the IP address that the request was recieved on to determine the Host to send the request to.
xpoweredBy	Boolean	<input type="checkbox"/>	Set this attribute to true to cause Tomcat to advertise support for the Servlet specification using the header recommended in the specification.

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The required attributes are explained as followed:

- **uniqueName** A name that is different than the name for any other web connectors in the server (no spaces in the name please).
- **host** The host name or IP to bind to. The normal values are 0.0.0.0 (all interfaces) or localhost (local connections only)
- **keystoreFile** The file that holds the keystore (relative to the Geronimo install dir)
- **port** The TCP port number on which this Connector will create a server socket and await incoming connections. Your operating system will allow only one server application to listen to a particular port number on a particular IP address.

For a Tomcat APR HTTPS Connector

Starting from v2.2, Geronimo uses `server.xml` to configure Tomcat. You need to update `server.xml` to use HTTPS Connector with APR enabled. Use the following code snippet as an example.

```
<Connector name="TomcatWebSSLConnector"
    port="${HTTPSPort + PortOffset}"
    host="${ServerHostname}"
    SSLEnabled="true"
    maxThreads="150"
    scheme="https"
    secure="true"
    clientAuth="false"
    SSLCertificateFile="/usr/local/ssl/server.crt"
    SSLCertificateKeyFile="/usr/local/ssl/server.pem"
    sslProtocol="TLS"
    executor="DefaultThreadPool" />
```

Refer to [Tomcat SSL Support](#) for more information about other attributes.