

Now Axis2Server in automation framework supports https transport. To Enable https transport, you have to enable transport sender and receiver for https. In axis2.xml you have to configure key store path and authentication. This axis2.xml should be stored as a resource in test case file path.

Sender config

```
<transportSender name="https" class="org.apache.synapse.transport.nhttp.HttpCoreNIOSslSender">
  <parameter name="non-blocking" locked="false">true</parameter>
  <parameter name="keystore" locked="false">
    <KeyStore>
      <Location>path/to/keystore</Location>
      <Type>JKS</Type>
      <Password>wso2carbon</Password>
      <KeyPassword>wso2carbon</KeyPassword>
    </KeyStore>
  </parameter>
  <parameter name="truststore" locked="false">
    <TrustStore>
      <Location>path/to/truststore</Location>
      <Type>JKS</Type>
      <Password>wso2carbon</Password>
    </TrustStore>
  </parameter>
</transportSender>
```

Receiver config

```
<transportReceiver name="https"
  class="org.apache.synapse.transport.nhttp.HttpCoreNIOSslListener">
  <parameter name="port" locked="false">9017</parameter>
  <parameter name="non-blocking" locked="false">true</parameter>
  <parameter name="keystore" locked="false">
    <KeyStore>
      <Location>path/to/keystore</Location>
      <Type>JKS</Type>
      <Password>wso2carbon</Password>
      <KeyPassword>wso2carbon</KeyPassword>
    </KeyStore>
  </parameter>
  <parameter name="truststore" locked="false">
    <TrustStore>
      <Location>path/to/truststore</Location>
      <Type>JKS</Type>
      <Password>wso2carbon</Password>
    </TrustStore>
  </parameter>
</transportReceiver>
```

Following is the code snippet of usage.

```
Axis2ServerManager axis2ServerManager = new Axis2ServerManager("test_axis2_server_9015.xml");  
  
axis2ServerManager.start();  
axis2ServerManager.deployService(SampleAxis2Server.SIMPLE_STOCK_QUOTE_SERVICE);  
axis2ServerManager.stop();
```