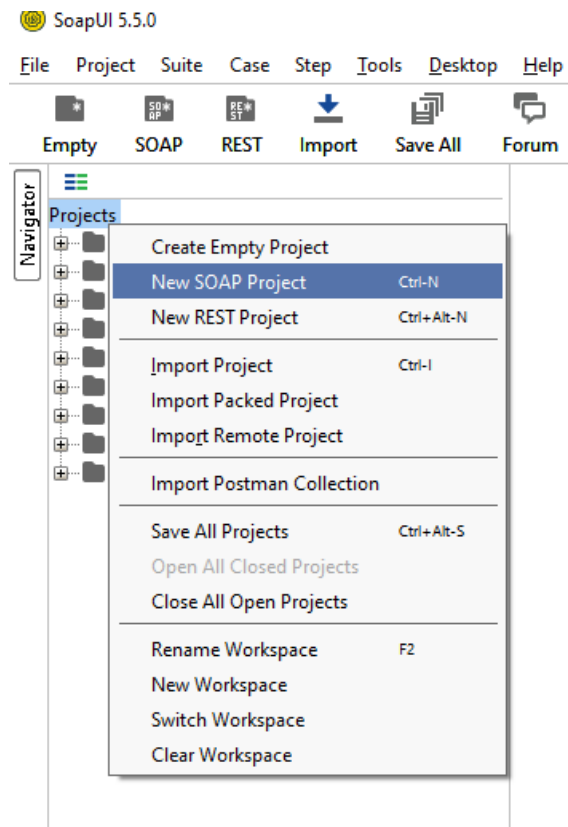


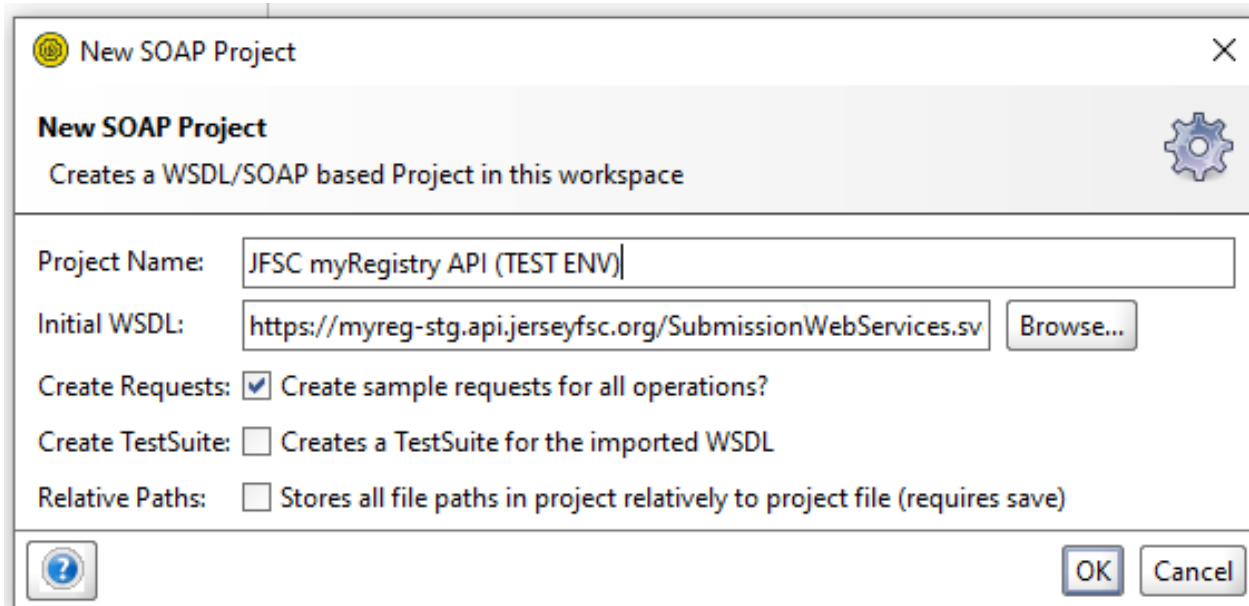
SOAP UI Certificate and WSDL Setup Example

Step 1



- Create a New SOAP Project

Step 2



New SOAP Project

Creates a WSDL/SOAP based Project in this workspace

Project Name: JFSC myRegistry API (TEST ENV)

Initial WSDL: <https://myreg-stg.api.jerseyfsc.org/SubmissionWebServices.svc> Browse...

Create Requests: ☒ Create sample requests for all operations?

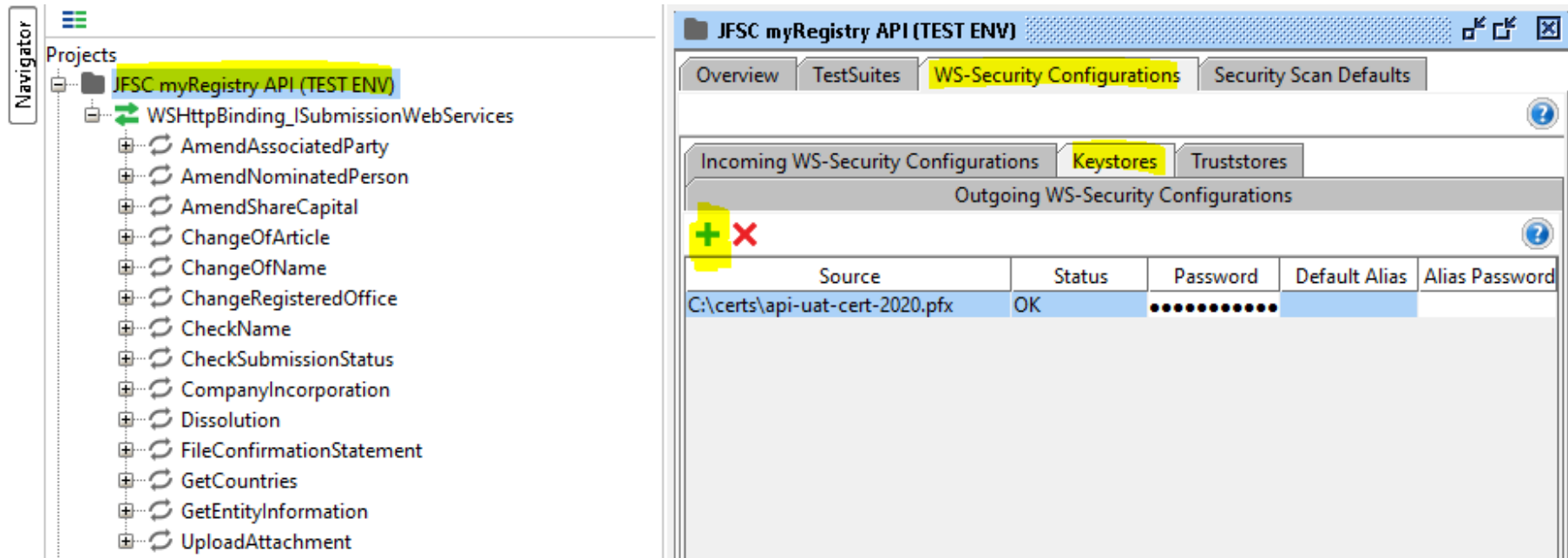
Create TestSuite: ☐ Creates a TestSuite for the imported WSDL

Relative Paths: ☐ Stores all file paths in project relatively to project file (requires save)

OK Cancel

- Provide a project name
- Provide the Test environment wsdl: <https://myreg-stg.api.jerseyfsc.org/SubmissionWebServices.svc?singleWsdI>
- Tick 'Create sample Requests'
- Click OK

Step 3



- Double Click the Project folder
- Go to **WS-Security Configuration** tab
- Go to **Keystores** > **Add** new Keystore (green plus icon +)
- You need to browse and add your JFSC Client certificate here to the KeyStore. Assuming you have stored the JFSC certificate in the Certificate Store, you can extract it as a password protected .pfx file and store it somewhere SOAP UI can access it.

Step 4

JFSC myRegistry API (TEST ENV)

Overview TestSuites **WS-Security Configurations** Security Scan Defaults

Outgoing WS-Security Configurations Incoming WS-Security Configurations Keystores Truststores

+ X

Name	Default Username/Alias	Default Password	Actor	Must Understand
OUTGOING				☒

Signature Timestamp

Keystore: api-uat-cert-2020.pfx

Alias: te-5ac2839d-1247-4838-92c2-7ae7f3ae2a07

Password:

Key Identifier Type: Binary Security Token

Signature Algorithm: <default>

Signature Canonicalization: <default>

Digest Algorithm: <default>

Use Single Certificate: ☒ Use single certificate for signing

Prepend Signature Element: ☒ Prepend signature element to security header (non-strict layout)

Custom Key Identifier:

Custom Key Identifier ValueType:

Parts: + X

ID	Name	Namespace	Encode
To	http://www.w3.org/2005/08/addressing	Element	

Time To Live: 500

Millisecond Precision: ☒ Sets precision of timestamp to milliseconds

- Go to **WS-Security Configuration** tab
- Go to **Outgoing WS-Security Configuration** tab
- **Add** a new Config Item > e.g. '**Outgoing**'
- To the '**Outgoing**' config item add a '**Signature**' element and a '**Timestamp**' element with the settings as per the image

Signature	Timestamp
Select your Cert from the KeyStore via the drop down Set Type = Binary Security Token Set Use Single certificate = True Add a new Namespace: ○ Name = "To" ○ Namespace = "http://www.w3.org/2005/08/addressing" ○ Encode = "Element"	Set time to live = 500 Millisecond Precision = True

Step 5

The screenshot shows the JFSC IDE interface. On the left, the 'Projects' pane displays a tree view of the project 'JFSC myRegistry API (TEST ENV)'. The 'WSHTTPBinding_ISubmissionWebServices' directory is highlighted. On the right, the 'WSHTTPBinding_ISubmissionWebServices' configuration window is open, showing the 'Service Endpoints' tab. A table lists the service endpoints with the following data:

Endpoint	Username	Password	Domain	WSS-Type	WSS-TimeToLive	Outgoing WSS	Incoming WSS	Mode
https://myreg-stg.api.jerseyfsc.org/SubmissionWeb...						OUTGOING		COMPLEMENT

- Double Click the **WSHTTPBinding_ISubmissionWebServices** root directory
- Go to **Service Endpoints** tab
- Set Outgoing WSS = **Outgoing** and Mode = **Complement**
- **Save your Project**

Step 6

The screenshot displays the JFSC myRegistry API (TEST ENV) interface. On the left, a tree view shows various services, with 'CheckName' selected. The main window is divided into three panes:

- Request 1 (Raw XML):** Shows a SOAP request for the 'CheckName' service. The request body contains a 'CheckNameRequest' with 'NameToCheck' set to 'Sunshine Holidays' and 'APIKey' set to a redacted value.
- WS-A Tab:** Contains configuration options for the request. The 'Add default wsa:To' checkbox is checked, and the 'Action' is set to 'http://api.fsc.jerseyfsc.org/submissionservice/ISubmissionWeb'. The 'Must understand' dropdown is set to 'NONE'.
- Response (Raw XML):** Shows the SOAP response for the 'CheckName' service. The response body contains a 'CheckNameResponse' with a 'Result' indicating success and a list of similar names.

At the bottom left, the 'Request Properties' table is visible:

Property	Value
Name	Request 1
Description	
Message Size	477
Encoding	UTF-8

At the bottom right, the status bar shows 'response time: 2876ms (2074 bytes)' and '1:1'.

- Double Click the **CheckName** service sample request e.g. 'Request 1'
- Input a name to check String and your API key
- On the **WS-A** Tab ensure 'Add default was:To = True'
- Click submit (green play icon) and the results will be displayed on the right-side window