Configuring REST endpoints in the ESB :

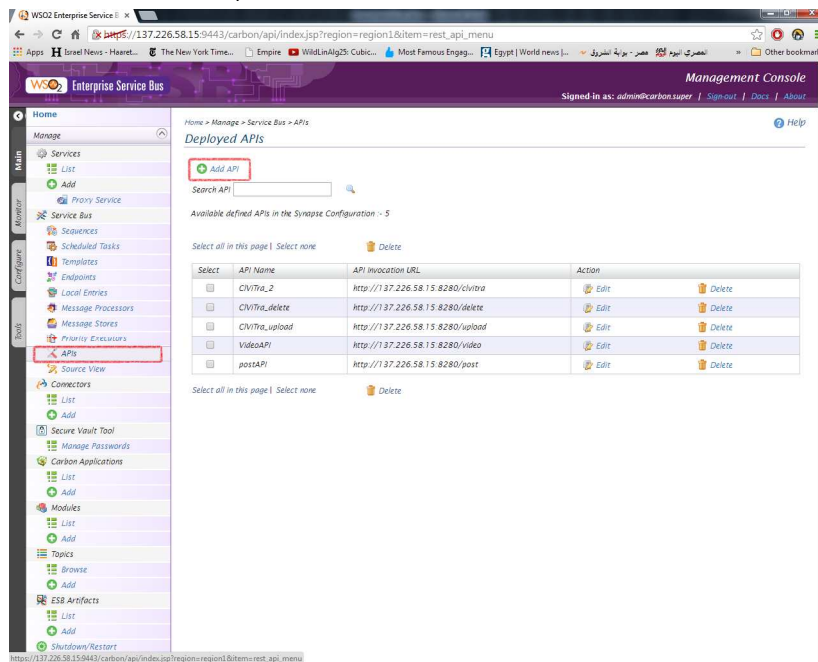1. From your browser, Navigate to (https://api.learning-layers.eu:9443/)
2. Sign-in with your Username and Password
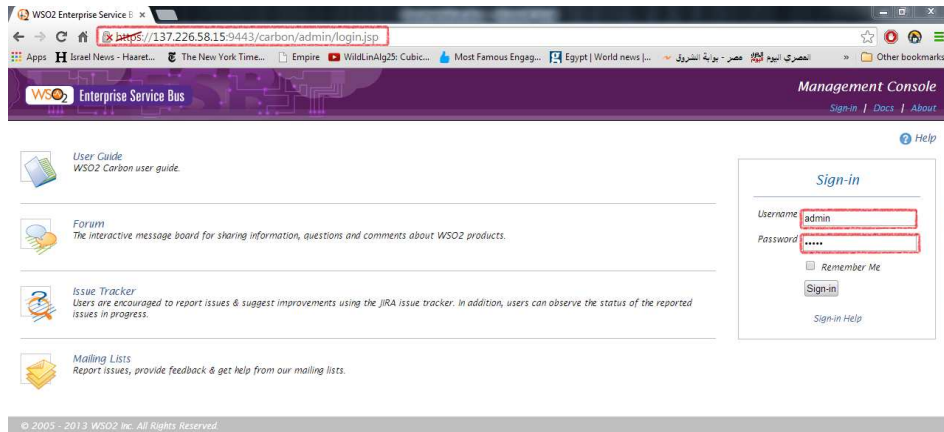
3. From the navigation tab on the left, select **APIs** listed under **Manage/ServiceBus**
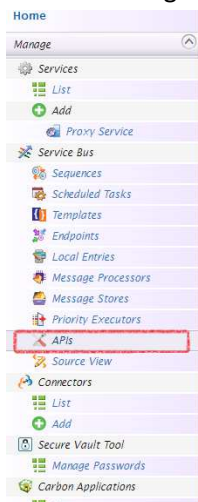
4. In "APIs Page" you will find all deployed RESTful APIs listed
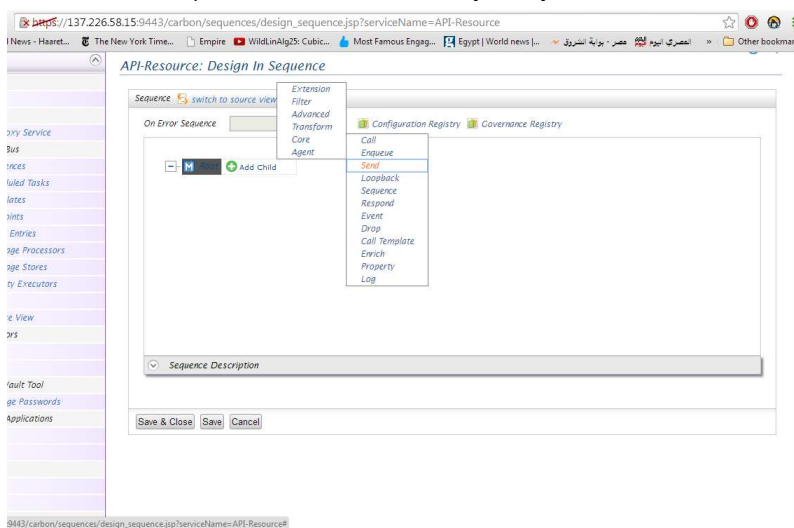5. To create a new API, click **Add API**

6. You will be navigated to "Add API" Design View
7. In "**API Name**:" field, type the name of the RESTful API you want to create.
8. In the **"Context"** field, type the name you want your service published under. This will be the name used to access invoke the service
9. In order to add different resources to your service, Click **Add Resource**

10. A resource adding form will appear
11. Choose the RESTful request (Get,Post,DeleteOptions) you want to map for this resource
12. Type the expected URL template that you desire to publish
13. To define the Back-end-Service URL that this resource would be routed to
    a. Go under "**In Sequence**", select **Define Inline**
    b. Click **Create**

14. You will be navigated to the "Design In Sequence" view
15. Select **Add Child**, From the menu select **/Core/Send**

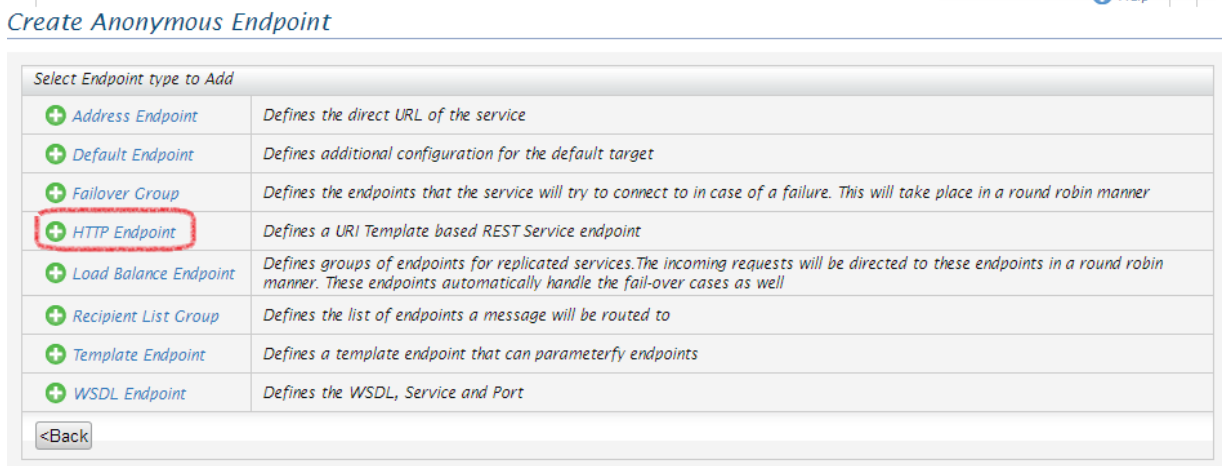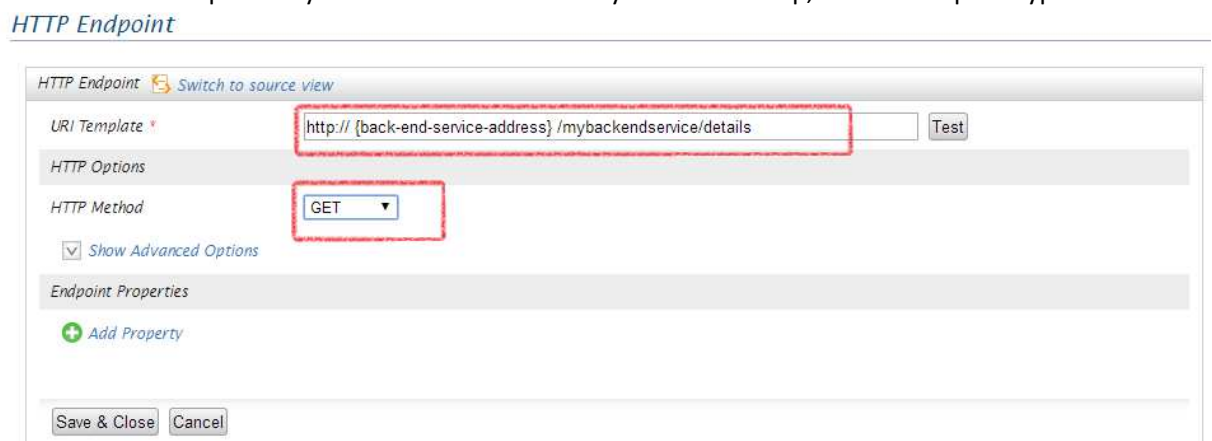16. Under "Send Mediator", Select **Define Inline**

17. Select **HTTP Endpoint** as the Endpoint type to add

18. Fill in the URL Template of your backend service that you want to map, and the Request type

Mapping different Payloads using Payload Factory:

If your back-end service and the service API accepts different payloads. Conversion of the payload format is done using the <payloadFactory> mediator.

1. Go under "**In Sequence**", select **Define Inline**
2. Click **Create**
3. You will be navigated to the "Design In Sequence" view
4. Select **Add Child**, From the menu select **/Transform/ PaylaodFactory**
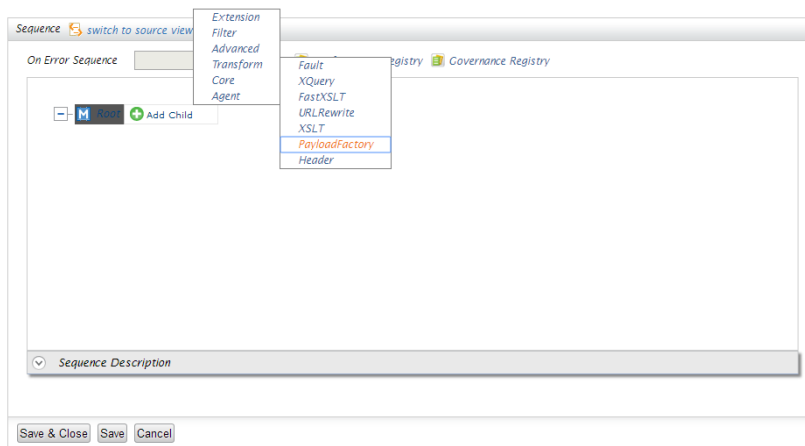
5. In the **PayloadFactory Mediator,** select the media type
6. Under "**Payload**" field select **Define inline**, Enter the payload format for the back-end
7. Use add arguments to create the payload your service should provide

For more information about the REST API please consult
(https://docs.wso2.com/display/ESB460/Using+the+REST+API#UsingtheRESTAPI-ExposingaBack-EndRESTServiceUsingaDifferentAPI)