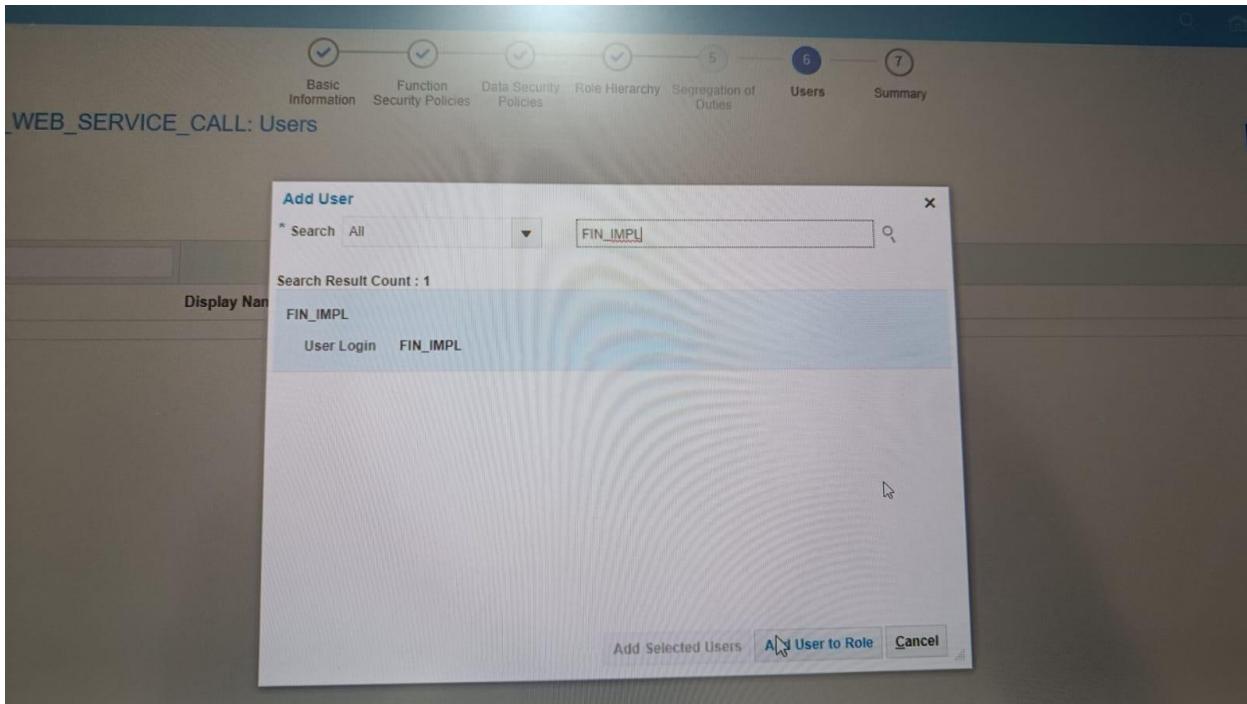


WE NEED TO ASSIGN APPROPRIATE ROLE IN ORDER TO USE SOAP WEB SERVICES:

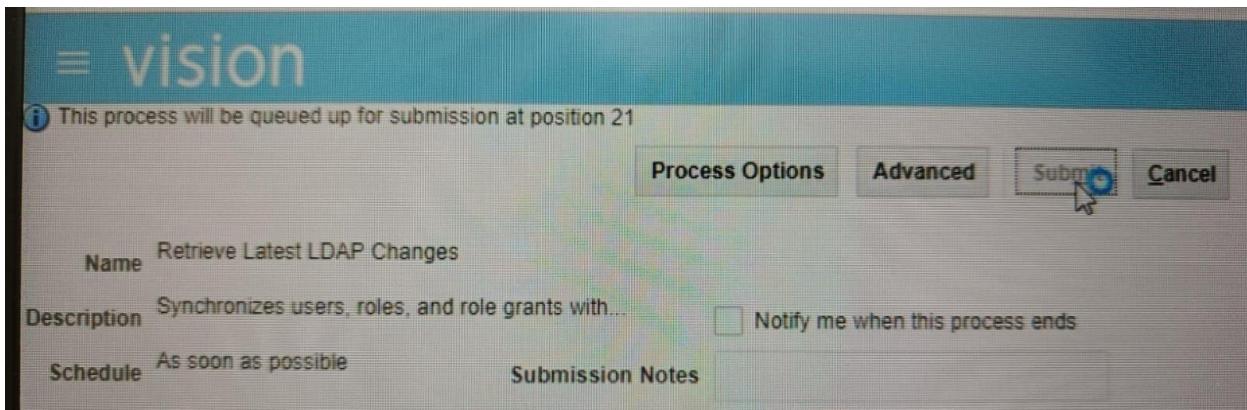
The screenshot shows a step-by-step wizard for creating a role. The current step is 'Basic Information' (step 1). Other steps visible include 'Function Security Policies' (step 2), 'Data Security Policies' (step 3), 'Role Hierarchy' (step 4), 'Segregation of Duties' (step 5), 'Users' (step 6), and 'Summary' (step 7). The 'Basic Information' step displays fields for 'Role Name' (DEMO_SUPP_WEB_SERVICE_CALL) and 'Role Code' (DEMO_SUPP_WEB_SERVICE_CALL). A dropdown menu for 'Role Category' shows 'Common - Job Roles'. There is also a checkbox for 'Predefined Role'.

The screenshot shows a modal dialog titled 'Add Function Security Policy'. It includes a search bar with 'Search All' and a results list for 'Manage Supplier by Web Service'. The result details are: Name: Manage Supplier by Web Service, Code: POZ_MANAGE_SUPPLIER_BY_WEB_SERVICE_PRIV, and Description: Allows users to manage suppliers using a web service. At the bottom of the dialog are buttons for 'Add Selected Privileges', 'Add Privilege to Role', and 'Cancel'.

| Name | Manage Supplier by Web Service |
|-------------|---|
| Code | POZ_MANAGE_SUPPLIER_BY_WEB_SERVICE_PRIV |
| Description | Allows users to manage suppliers using a web service. |



NOW GO TO SETUP AND MAINTAINANCE>RUN LDAP>CHECK THE SCHEDULED PROCESSES TO CHECK IF IT SUCCEEDED



WSDL in Oracle Fusion [SOAP (Simple Object Access Protocol) based]:

In SOAP-based web services, A WSDL file is an XML document that describes the functionality of a SOAP-based web service. WSDL (Web Services Description Language) is an XML-based language used for describing the functionalities of a web service. In the context of Oracle Fusion Procurement, WSDL is used to define how different applications or systems can interact with each other over the web using web services. The WSDL files define the specific methods available, the input parameters (e.g., SUPPLIER SITE, Supplier ADDRESS)

SEARCH FOR SOAP WSDL --> INITIALLY WE WERE SEARCHING USING OER(Oracle Enterprise Repository) BUT NOW USING KEYWORD DIRECTLY ON GOOGLE LIKE 'soap web services for procurement'.

The screenshot shows a browser window with the URL docs.oracle.com/en/cloud/saas/procurement/24d/oeswp/supplier-d20267e4751.html#Relationships. The page title is "SOAP Web Services for Procurement". On the left, there is a navigation sidebar with sections like "Purchase Order Service Version 2", "Purchase Request Service Version 1", and "Supplier". The "Supplier" section is expanded, showing sub-options such as "Supplier", "Supplier Address", "Supplier Address Descriptive Flexfield", etc. The main content area is titled "Supplier" and describes it as an inbound web service for creating and updating suppliers from external repositories. It includes fields for "Life Cycle Status: Active", "QName: {http://xmlns.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/}SupplierService", and the "Service WSDL URL: https://servername/fscmService/SupplierServiceV2?WSDL". A "Relationships" section table lists relationships between the Supplier service and other objects.

| Relationship Type | Object or Service |
|-------------------|---|
| Handles | Supplier Products and Services Category |
| Handles | Supplier Site Descriptive Flexfield |

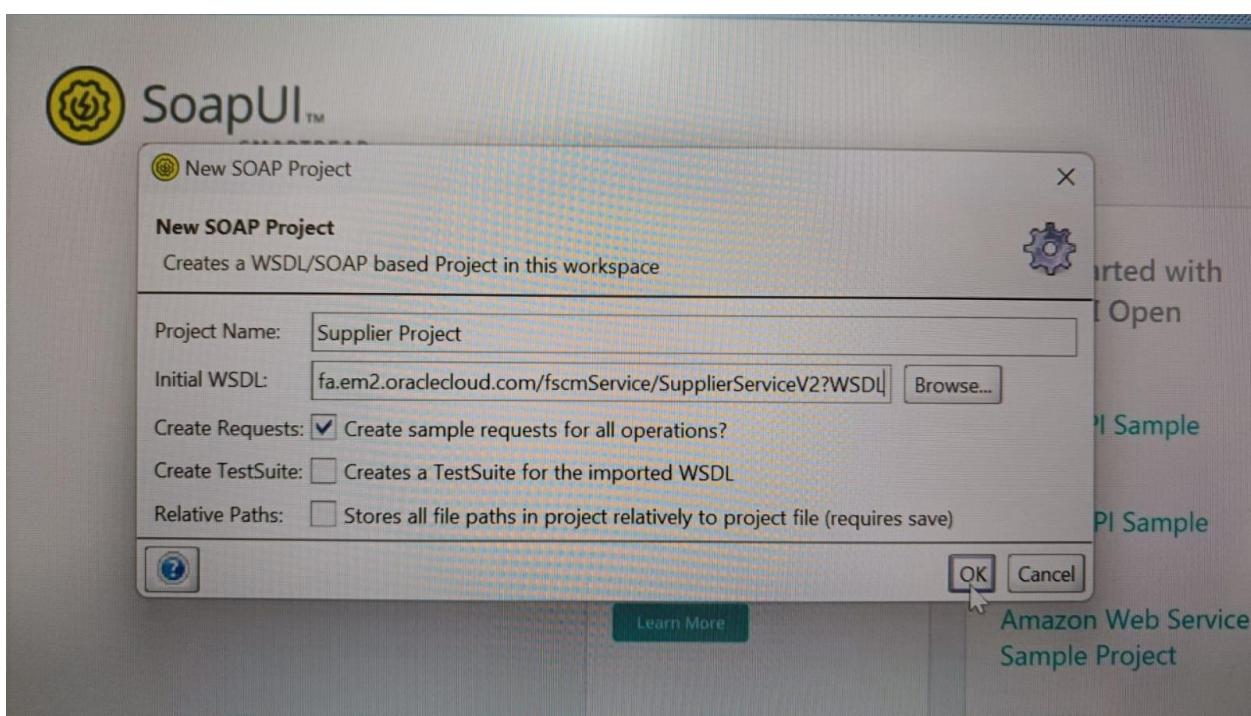
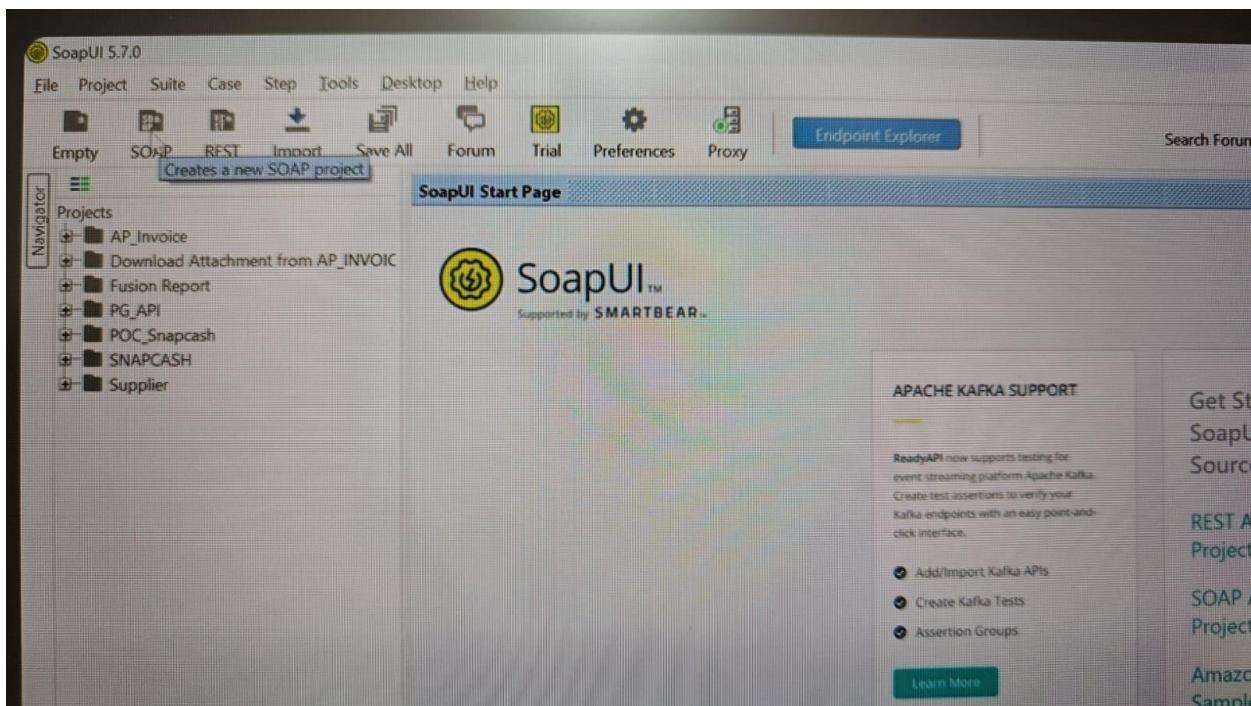
LINK TO DOWNLOAD WSDL IN 'SOAP UI' TOOL FROM ABOVE:

Service WSDL URL: <https://servername/fscmService/SupplierServiceV2?WSDL>

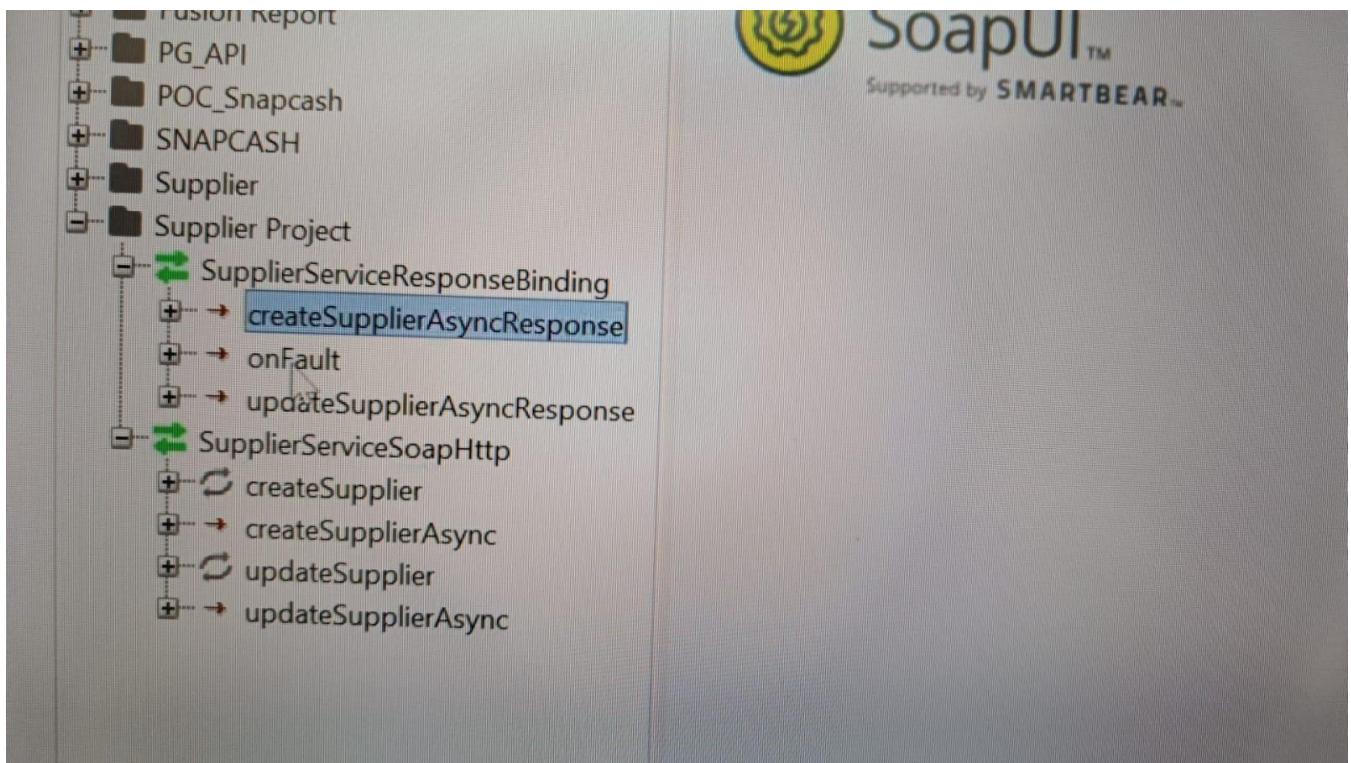
NOW COPY PASTE THE URL OF OUR 'FUSION USER INSTANCE' IN ABOVE URL TILL SERVERNAME:

```
2
3 Service WSDL URL: https://servername/fscmService/SupplierServiceV2?WSDL
4
5
6 Service WSDL URL: https://epib-test.fa.em2.oraclecloud.com/fscmService/SupplierServiceV2?WSDL
```

NOW GO TO SOAP UI AND PASTE ABOVE SERVICE WSDL URL:



IN REST API THERE ARE METHODS BUT IN SOAP API THERE ARE FUNCTIONS AND MESSAGES IN THE WSDL FORMAT LIKE 'createSupplierAsyncResponse' etc:



FROM ABOVE 'SSRBINDING' GIVES API RESPONSE AND 'SSSHttp' SUBMITS API REQUEST.

TO CHECK NO. OF OPERATIONS IN OUR SOAP API CHECK>OPERATIONS

| Operations | Handles | Description |
|---|---------|---|
| Supplier | Handles | Supplier Business Classification |
| Supplier Address | Handles | Supplier Address Descriptive Flexfield |
| Supplier Contact | Handles | Supplier |
| Supplier Contact Address | Handles | Supplier Address |
| Supplier Descriptive Flexfield | Handles | Supplier Contact Address |
| Supplier Products and Services Category | Handles | Supplier Products and Services Category |
| Supplier Site | Handles | Supplier Site |
| Supplier Descriptive Flexfield | Handles | Supplier Descriptive Flexfield |

Operations

- updateSupplier
- createSupplier

updateSupplier

Update operation for Supplier and all its child objects.

Life Cycle Status: Active

Oracle

WE CAN CHECK WSDL OPERATIONS DIRECTLY ON BROWSER AS WELL: <https://fa-eole-test-saasfaprod1.fa.ocs.oraclecloud.com//fscmService/SupplierServiceV2?WSDL>

← → ⌂ fa-eole-test-saasfaprod1.fa.ocs.oraclecloud.com//fscmService/SupplierServiceV2?WSDL

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<wsdl:definitions xmlns:plnk="http://schemas.xmlsoap.org/ws/2003/05/partner-link/" xmlns:errors="http://xmlns.oracle.com/adf/svc/errors/" xmlns:orafault="http://xmlns.oracle.com/applications/services/errors" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:tns="http://xmlns.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:types="http://xmlns.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/types/" name="SupplierService" targetNamespace="http://xmlns.oracle.com/apps/prc/poz/suppliers/supplierServiceV2" xmlns:oer="http://xmlns.oracle.com/oer">
  <name>Supplier</name>
  <description>An inbound web service that supports allows both creation and update of suppliers from external repositories into Oracle Fusion Suppliers.</description>
  <docCategories>
    <category>External</category>
  </docCategories>
  <oer:lifecycle>Active</oer:lifecycle>
  <oer:compatibility>Supported - Backward Compatibility Assured</oer:compatibility>
  <oer:category name="lba">
    <value>PrcTop-Procurement</value>
    <value>PrcTop-Procurement : PrcPozTop-Supplier Model</value>
  </oer:category>
</wsdl:definitions>
```

PAYLOAD IN SOAP UI:

The screenshot shows the SoapUI interface with the 'Request 1' tab selected. The XML pane displays the following payload structure:

```
<!--Optional:-->
<sup:WithholdingTaxGroup>?</sup:WithholdingTaxGroup>
<!--Optional:-->
<sup:ExternalSystemId>?</sup:ExternalSystemId>
<!--Optional:-->
<sup:ExternalSystem>?</sup:ExternalSystem>
<!--Zero or more repetitions:-->
<sup:SupplierBusinessClassifications>
  <!--Zero or more repetitions:-->
<sup:SupplierSites>
  <!--Zero or more repetitions:-->
<sup:SupplierProductsandServicesCategory>
  <!--Zero or more repetitions:-->
<sup:SupplierAddresses>
  <!--Optional:-->
<sup:SupplierFlexField>
  <!--Zero or more repetitions:-->
<sup:SupplierContacts>
</typ:supplierRow>
</typ:createSupplier>
</soapenv:Body>
</soapenv:Envelope>
```

The 'Supplier Project' node in the Navigator pane is expanded, showing 'SupplierServiceResponseBinding' and 'SupplierServiceSoapHttp'. Under 'SupplierServiceSoapHttp', 'createSupplier' is selected. The 'Operation Properties' table at the bottom shows a single row with 'Property' and 'Value' columns.

HOW TO KNOW WHICH FILEDS SHOULD BE USE IN OUR PAYLOAD TO LOAD THE DATA:

GO TO NAVIGATOR>PROCUREMENT>SUPPLIER>CREATE SUPPLIER>CHECK MANDATORY FIELDS/ CREATE TEST SUPPLIER FROM FRONTEND TO KNOW WHICH FIELDS ARE MANDATORY

The screenshot shows the Oracle Purchase Requisitions interface. At the top, there's a navigation bar with icons for Purchase Requisitions, Purchase Agreements, Purchase Orders, My Receipts, and Suppliers. Below the navigation bar is a sidebar titled 'Overview' with sections for 'Supplier Spend Authorization Requests' (Pending Approval, Rejected) and 'Supplier Business Classifications' (Expiring, Expired). A modal dialog box titled 'Create Supplier' is open in the center. The dialog contains fields for: * Supplier (text input), * Business Relationship (dropdown menu with 'Prospective' selected), * Tax Organization Type (dropdown menu with 'Corporation' selected), Tax Country (dropdown menu), Tax Registration Number (text input), Taxpayer ID (text input), and D-U-N-S Number (text input). At the bottom right of the dialog are 'Create' and 'Cancel' buttons.

This is a detailed view of the 'Create Supplier' dialog box. It includes the following fields:

- * Supplier: TEST_101
- * Business Relationship: Prospective
- * Tax Organization Type: Corporation
- Tax Country: (dropdown menu)
- Tax Registration Number: (text input)
- Taxpayer ID: (text input)
- D-U-N-S Number: (text input)

At the bottom right of the dialog are 'Create' and 'Cancel' buttons.

Edit Supplier: TEST_101 ★

Profile Addresses Contacts

General

| | | | |
|-----------------------|-------------|------------------------|----------------------|
| * Supplier | TEST_101 | Business Relationship | Prospective |
| Supplier Number | 10166 | Parent Supplier | <input type="text"/> |
| Alternate Name | | Parent Supplier Number | |
| Tax Organization Type | Corporation | Creation Date | 16-Dec-2022 |
| Supplier Type | | Creation Source | Manual |
| Inactive Date | dd-mmm-yyyy | Attachments | None |
| Status | Active | | |

Additional Information

| | | | |
|-----------------|----------------------|----------------|----------------------|
| Old Supplier Id | | MSME_TYPE | <input type="text"/> |
| MSME | <input type="text"/> | CERTIFICATE_NO | <input type="text"/> |

Profile Details

Organization Business Classifications Products and Services Transaction Tax Income Tax Payments

Identification

| | |
|-------|-----------------|
| Alias | Customer Number |
|-------|-----------------|

NOW WE ARE REMOVING ALL THE FIELDS FROM PAYLOAD AS WE ARE CREATING SUPPLIER USING LIMITED AND MANDATORY FIELDS:

Empty SOAP REST Import Save All Forum Trial Preferences Proxy | **Endpoint Explorer** | Search Forum

SoapUI Start Page

Request 1

50 AP Request 1

https://epib-test.fa.em2.oraclecloud.com:443/fscmService/SupplierServiceV2

Raw XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:typ="http://xmlns.oracle.com/functional/fscm/typ">
  <soapenv:Header>
  <soapenv:Body>
    <typ:createSupplier>
      <typ:supplierRow>
        </typ:supplierRow>
      </typ:createSupplier>
    </soapenv:Body>
  </soapenv:Envelope>
```

SoapUI Start Page

Request 1

https://epib-test.fa.em2.oraclecloud.com:443/fscmService/SupplierServiceV2

XML Raw

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:sup="http://xmlns.oracle.com/apps/prc/poz">
  <soapenv:Header/>
  <soapenv:Body>
    <typ:createSupplier>
      <typ:supplierRow>
        <sup:Supplier>Test Supplier App9001</sup:Supplier>
        <sup:AlternateName>App9001</sup:AlternateName>
        <sup:TaxOrganizationType>Corporation</sup:TaxOrganizationType>
        <sup:SupplierType>Supplier</sup:SupplierType>
        <sup:BusinessRelationship>SPEND_AUTHORIZED</sup:BusinessRelationship>
      </typ:supplierRow>
    </typ:createSupplier>
  </soapenv:Body>
</soapenv:Envelope>

```

OR ANOTHER EXAMPLE

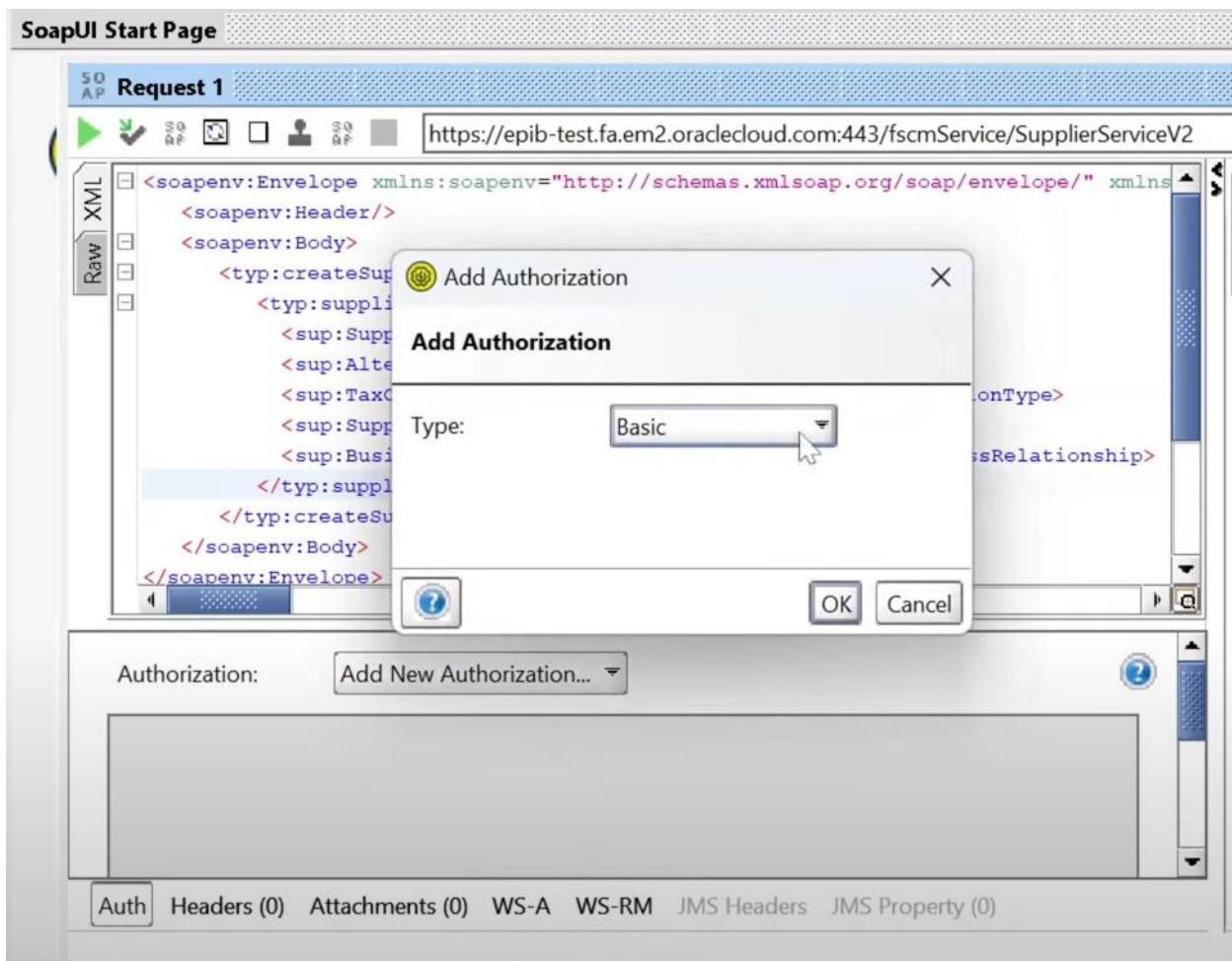
new 1 new 2 new 3

```

1 <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:sup="http://xmlns.oracle.com/apps/prc/poz">
2   <soapenv:Body>
3     <typ:createSupplier>
4       <typ:supplierRow>
5         <sup:Supplier> Demo SV supplier Corporation</sup:Supplier>
6         <sup:BusinessRelationship>SPEND_AUTHORIZED</sup:BusinessRelationship>
7         <sup:TaxOrganizationType>CORPORATION</sup:TaxOrganizationType>
8         <sup:SupplierType>SUPPLIER</sup:SupplierType>
9         <sup:AlternateName>SV supplier</sup:AlternateName>
10        <sup:SupplierAddresses>
11          <sup:Operation>CREATE</sup:Operation>
12          <sup:AddressName>Main Office</sup:AddressName>
13          <sup:Country>US</sup:Country>
14          <sup:AddressLine1>100 Oracle Parkway</sup:AddressLine1>
15          <sup:City>Seattle</sup:City>
16          <sup:State>WA</sup:State>
17          <sup:County>KING</sup:County>
18          <sup:OrderingPurposeFlag>True</sup:OrderingPurposeFlag>
19        </sup:SupplierAddresses>
20        <sup:SupplierSites>
21          <sup:Operation>CREATE</sup:Operation>
22          <sup:SiteName>Main Office</sup:SiteName>
23          <sup:AddressName>Main Office</sup:AddressName>
24          <sup:ProcurementBU>US1 Business Unit</sup:ProcurementBU>
25          <sup:PurchasingPurposeFlag>True</sup:PurchasingPurposeFlag>
26          <sup:AlternateSiteName>Main Office -Purchasing</sup:AlternateSiteName>
27          <sup:CommunicationMethod>EMAIL</sup:CommunicationMethod>
28          <sup:EmailAddress>purchasing@supp01.com</sup:EmailAddress>
29          <sup:HoldAllNewPurchasingDocumentsFlag>False</sup:HoldAllNewPurchasingDocumentsFlag>
30          <sup:RequiredAcknowledgement>D</sup:RequiredAcknowledgement>
31          <sup:AcknowledgeWithinDays>5</sup:AcknowledgeWithinDays>
32          <sup:SupplierSiteAssignments>
33            <sup:Operation>CREATE</sup:Operation>
34            <sup:ClientBU>US1 Business Unit</sup:ClientBU>
35            <sup:BillToBU>US1 Business Unit</sup:BillToBU>

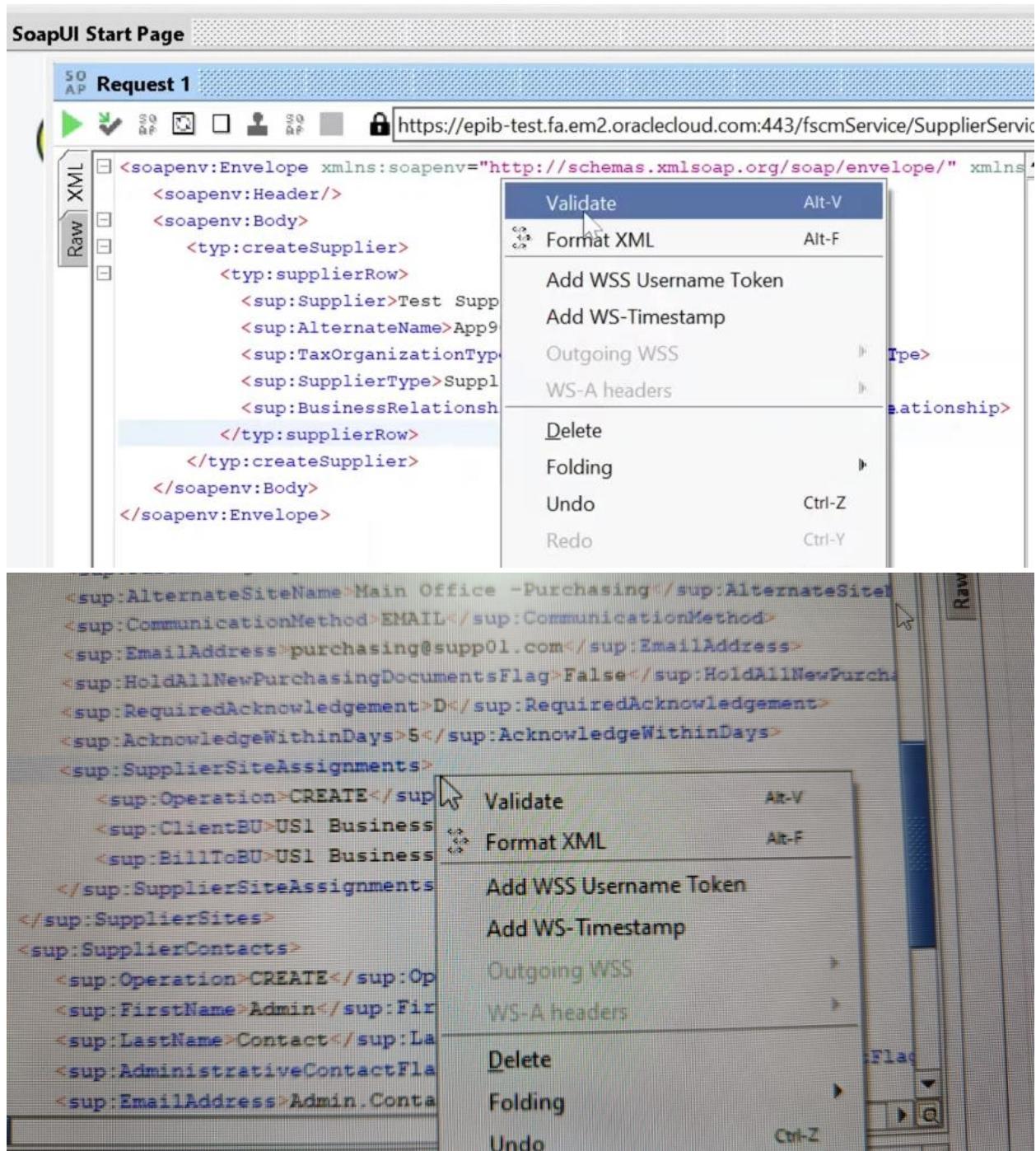
```

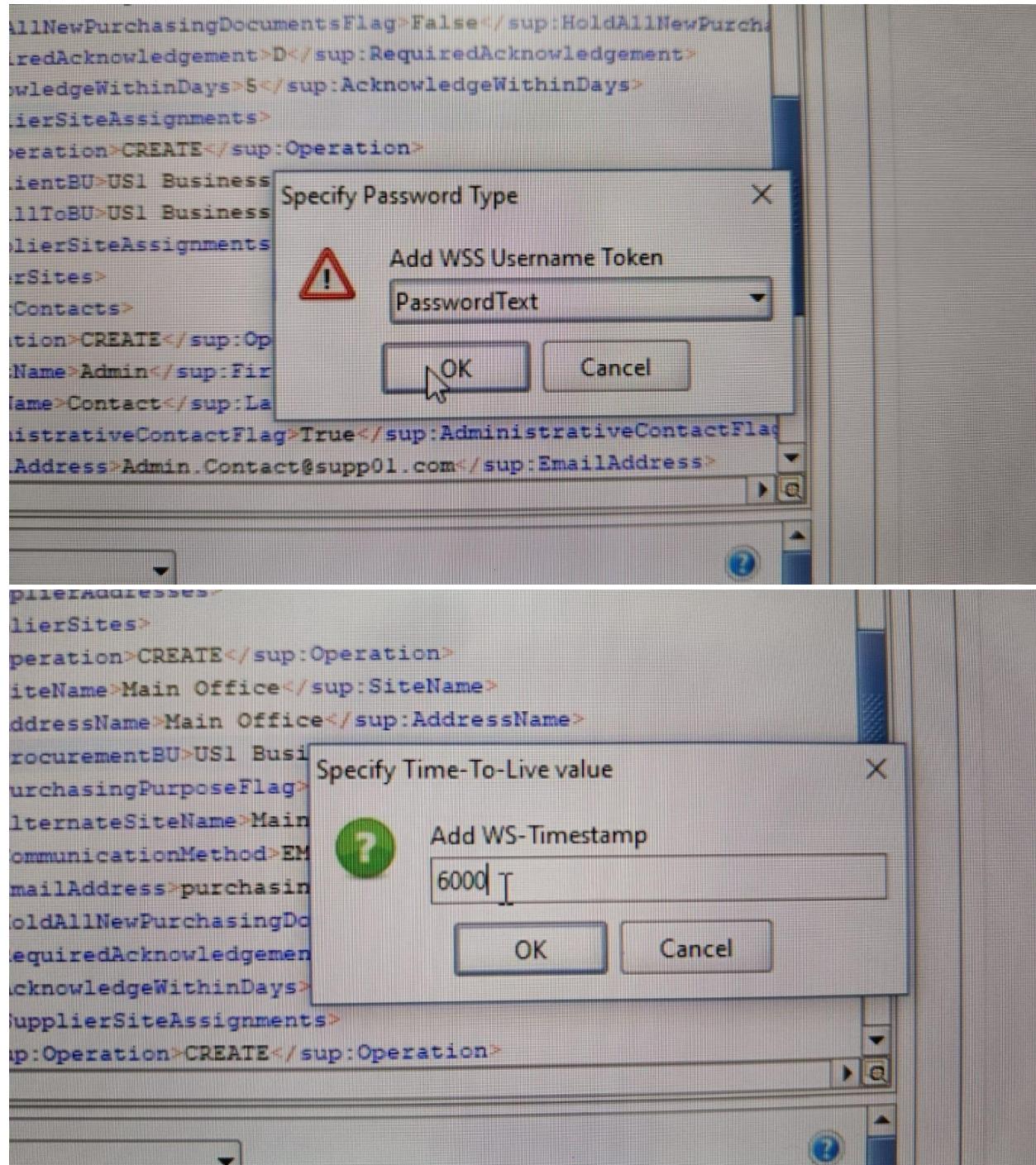
ADD USERNAME,PASSWORD FROM FUSION INSTANCE LOGIN DETAILS & CLOSE AUTH:



NOW RIGHT CLICK AND CLICK ON VALIDATE IF ITS RIGHT WE GET 'VALIDATION OK'

ALSO CLICK ON 'ADD WSS USERNAME TOKEN' & 'ADD WS TIMESTAMP'





SoapUI Start Page

Request 1

Submit request to specified endpoint URL (Alt-Enter)

SOAPAction: <soapenv:Body>

Raw XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope">
  <soapenv:Header/>
  <soapenv:Body>
    <typ:createSupplier>
      <typ:supplierRow>
        <sup:Supplier>Test Supplier App9001</sup:Supplier>
        <sup:AlternateName>App9001</sup:AlternateName>
        <sup:TaxOrganizationType>Corporation</sup:TaxOrganizationType>
        <sup:SupplierType>Supplier</sup:SupplierType>
        <sup:BusinessRelationship>SPEND_AUTHORIZE</sup:BusinessRelationship>
      </typ:supplierRow>
    </typ:createSupplier>
  </soapenv:Body>
</soapenv:Envelope>
```

Raw XML

HTTP/1.1 200 OK

Content-Type: text/xml; charset=UTF-8

Referrer-Policy: origin

X-Content-Type-Options: nosniff

X-ORACLE-DMS-FCID: 005vzMPD^E5A9TAlvac9vX0007zQ0002IA

The actual content of the last received response

SOAPAction: ""

X-XSS-Protection: 1; mode=block

Content-Language: en

Strict-Transport-Security: max-age=31536000; includeSubDomains

Date: Fri, 16 Dec 2022 17:50:51 GMT

Connection: keep-alive

Vary: Accept-Encoding

Set-Cookie: JSESSIONID=; expires=Thu, 01-Jan-1970 01:00:00 GMT; path=/; HttpOnly

Set-Cookie: _WL_AUTHCOOKIE_JSESSIONID=; expires=Thu, 01-Jan-1970 01:00:00 GMT; path=/; HttpOnly

AKGRN: 0.6f055a68.1671212999.95a5e2c

<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns0="http://xmls.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/types/">

WE ARE GETTING SOAP WSDL RESPONSE FROM BINDING:

SoapUI Start Page

Request 1

Raw XML

```
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/" xmlns:wsa="http://www.w3.org/2005/08/addressing">
  <env:Header>
    <wsa:Action>http://xmls.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/SupplierService/createSupplierResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:50475684-3379-42bb-aed1-c74a0ad3b583</wsa:MessageID>
  </env:Header>
  <env:Body>
    <ns0:createSupplierResponse xmlns:ns0="http://xmls.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/types/">
      <result xmlns="http://xmls.oracle.com/apps/prc/poz/suppliers/supplierServiceV2/types/">Success</result>
    </ns0:createSupplierResponse>
  </env:Body>
</env:Envelope>
```

Navigator

- Projects
 - AP_Invoice
 - Download Attachment from AP_INVOICE
 - Fusion Report
 - PG_API
 - POC_Snapcash
 - SNAPCASH
 - Supplier
 - Supplier Project
 - SupplierServiceResponseBinding
 - createSupplierAsyncResponse
 - AP Request 1
 - onFault
 - updateSupplierAsyncResponse
 - SupplierServiceSoapHttp
 - createSupplier
 - AP Request 1
 - createSupplierAsync
 - updateSupplier
 - updateSupplierAsync

NOW CHECK THE SUPPLIER CREATED ON INSTANCE:

CLICK ON SEARCH ICON>

The screenshot shows the Oracle Supplier Management application interface. At the top, there is a search bar containing the text "Test Supplier App9001". Below the search bar, the results for "Test Supplier App9001" are displayed, with one result highlighted in green. The main content area shows the "Overview" page for suppliers, with a section for "Suppliers with Incomplete Setup" and a table header for "Supplier". The table includes columns for "Supplier Number", "Business Relationship", and "Creation Source".

Supplier: Test Supplier App9001

General

| | | | |
|-----------------------|-----------------------|------------------------|------------------|
| Supplier | Test Supplier App9001 | Business Relationship | Spend Authorized |
| Supplier Number | 10167 | Parent Supplier | |
| Alternate Name | App9001 | Parent Supplier Number | |
| Tax Organization Type | Corporation | Creation Date | 16-Dec-2022 |
| Supplier Type | Supplier | Creation Source | Web Service |
| Inactive Date | | Attachments | None |
| Status | Active | | |

Additional Information

| | |
|-----------------|----------------|
| Old Supplier Id | MSME_TYPE |
| MSME | CERTIFICATE_NO |