



TGH

Making Integrations Simpler



How to Lookup data from Table

Author
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How to Lookup data from Table

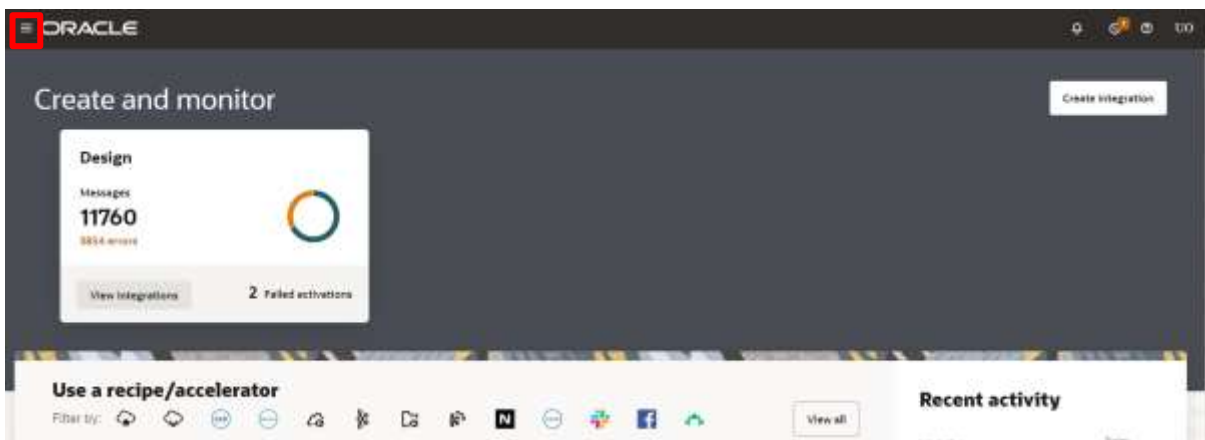
STEP 1: Navigate to the following URL

[https://urldefense.com/v3/_https://design.integration.ca-montreal-1.ocp.oraclecloud.com/?integrationInstance=oic3-partners-bots4saas-yu_.;!!N8Xdb1VRTUMIZeI!iKe6knNXh2u9_9i5pqq8lkQHtL53p8Q3Dvr7sazYsfTRMs8VCH3DKmMQezUh4D7LC28l19tZ6eA3D3hEVjoCeNB\\$](https://urldefense.com/v3/_https://design.integration.ca-montreal-1.ocp.oraclecloud.com/?integrationInstance=oic3-partners-bots4saas-yu_.;!!N8Xdb1VRTUMIZeI!iKe6knNXh2u9_9i5pqq8lkQHtL53p8Q3Dvr7sazYsfTRMs8VCH3DKmMQezUh4D7LC28l19tZ6eA3D3hEVjoCeNB$)

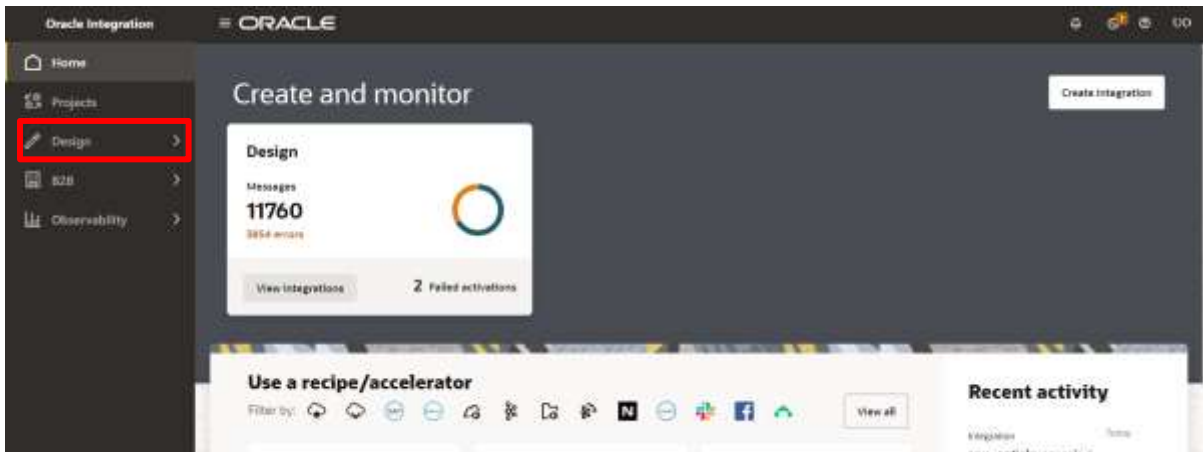
STEP 2: Log in to Oracle Cloud Gen3 and sign in with Credentials



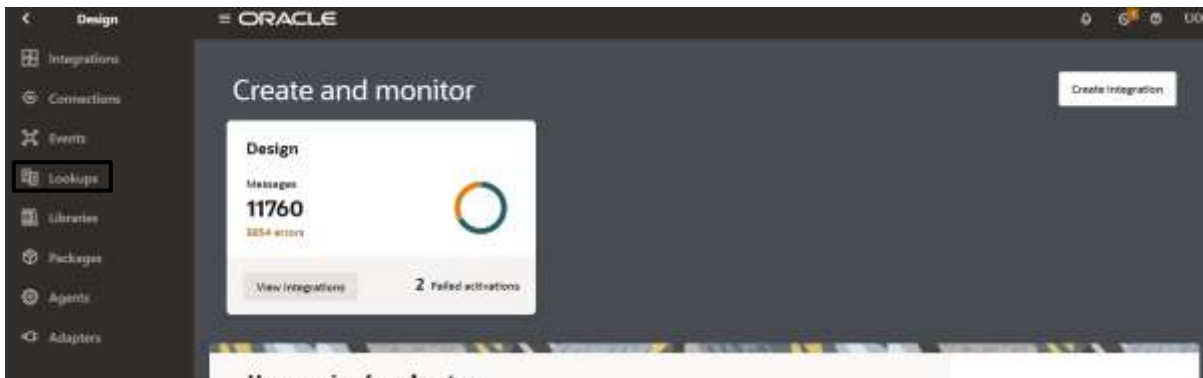
STEP 3: Click on the 3 Lines as shown in the below image



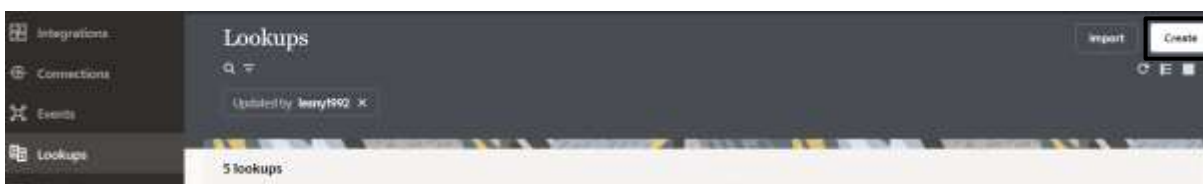
STEP 4: Navigate and click on Design



STEP 5: Navigate to Lookups and click on that

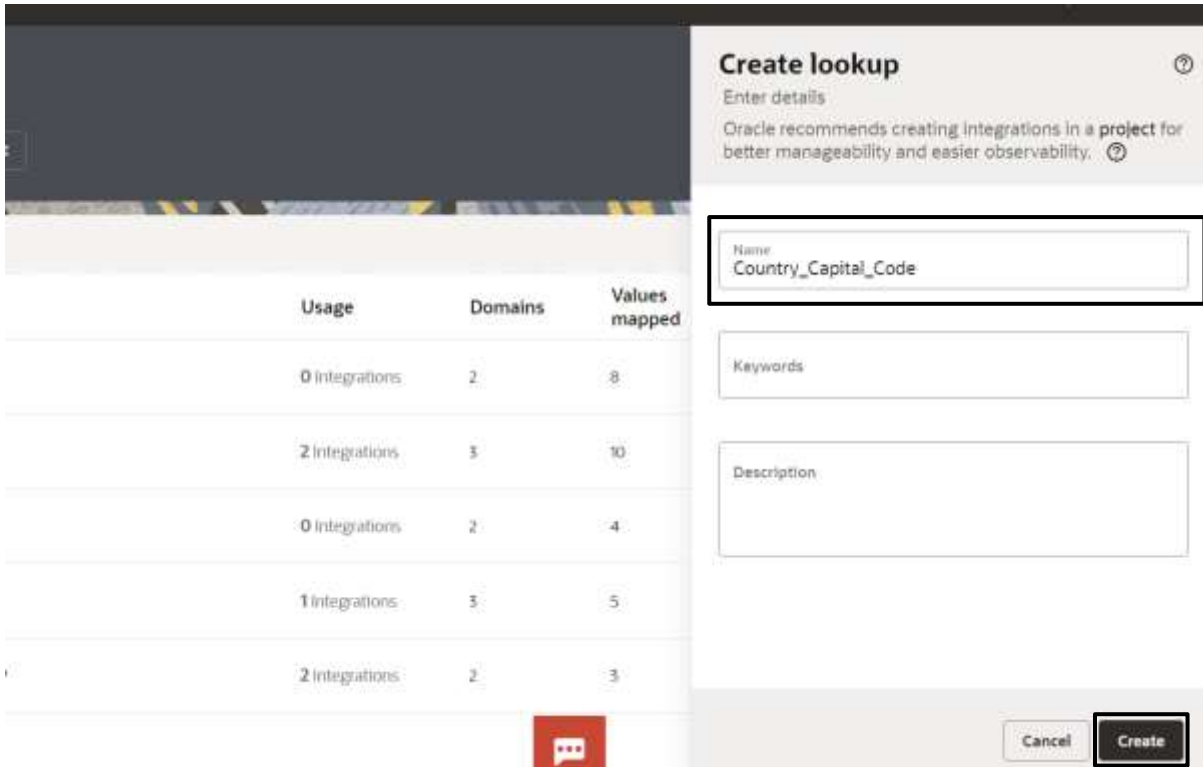


STEP 6: Click on Create as shown in below image to create lookup



STEP 7: Provide the Name of the Lookup Table and click on create

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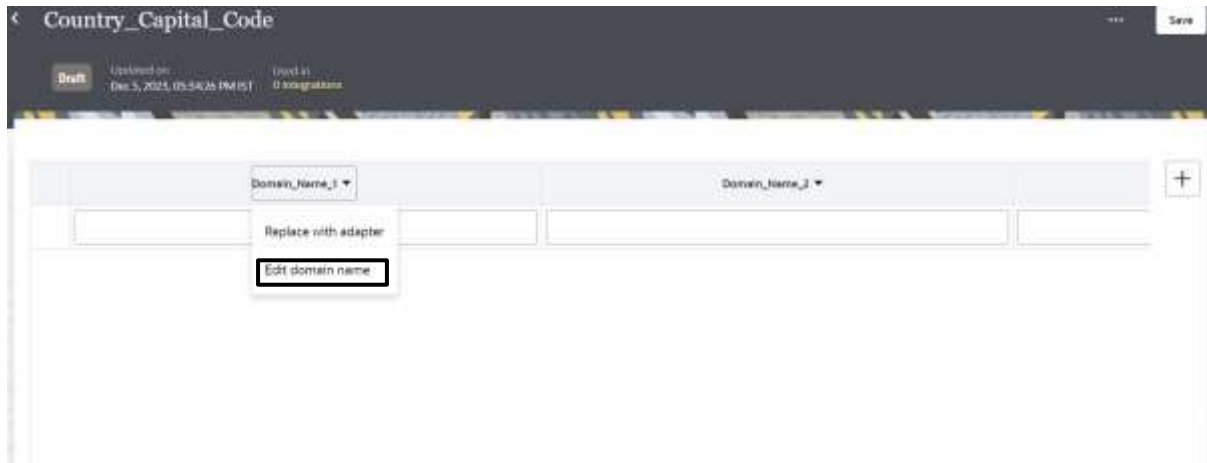


	Usage	Domains	Values mapped
	0 Integrations	2	8
	2 Integrations	3	10
	0 Integrations	2	4
	1 Integrations	3	5
	2 Integrations	2	3

STEP 8: Select the column name of the Lookup table from the dropdown of “Domain_Name_1” and “Domain_Name_2”



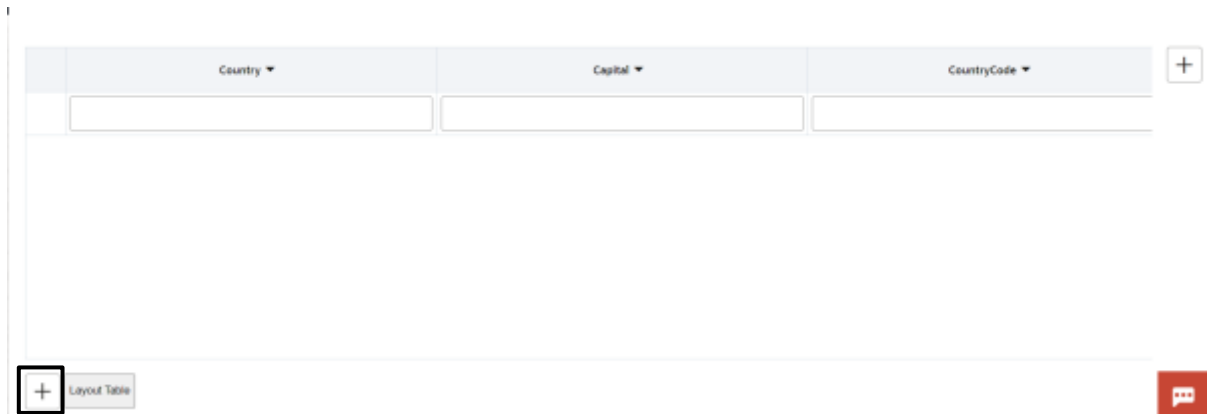
STEP 9: By clicking on “Domain_Name_1” and select “Edit domain name”



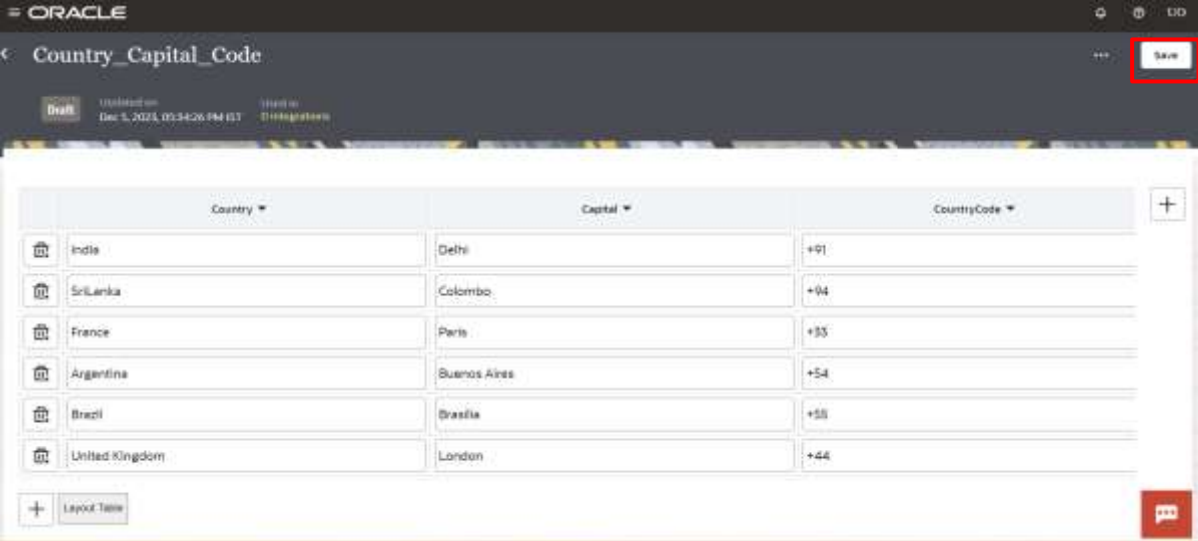
STEP 10: Give the following domain name as provided below

- 1.Country
- 2.Capital
- 3.CountryCode

And click on (+) as shown below to add no of rows according to the data



STEP 11: Provide the following details as shown below and click on save



ORACLE
Country_Capital_Code

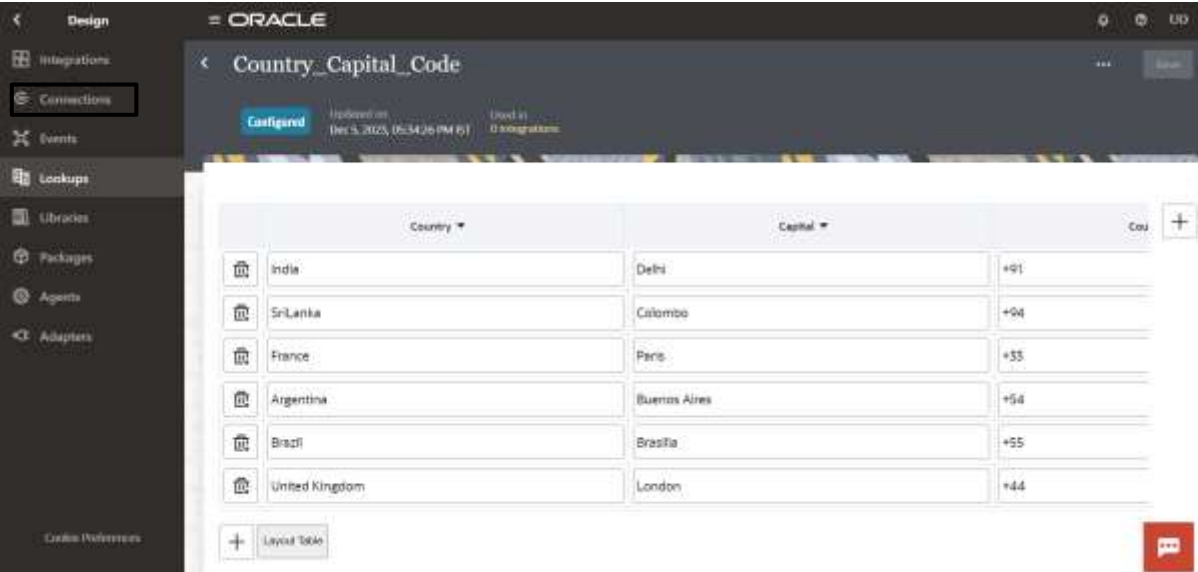
Updated on Dec 3, 2023, 03:34:26 PM IST

Save

Country	Capital	CountryCode
India	Delhi	+91
Sri Lanka	Colombo	+94
France	Paris	+33
Argentina	Buenos Aires	+54
Brazil	Brasilia	+55
United Kingdom	London	+44

Layout Table

STEP 12: Navigate to the connections option



ORACLE
Country_Capital_Code

Configured

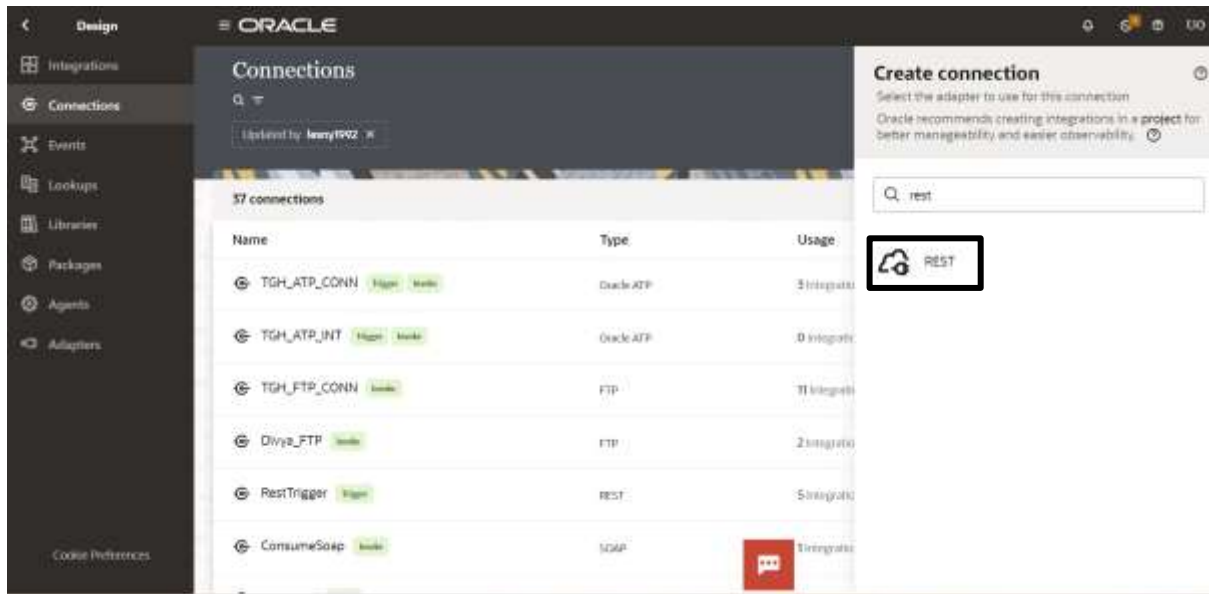
Updated on Dec 3, 2023, 03:34:26 PM IST

Save

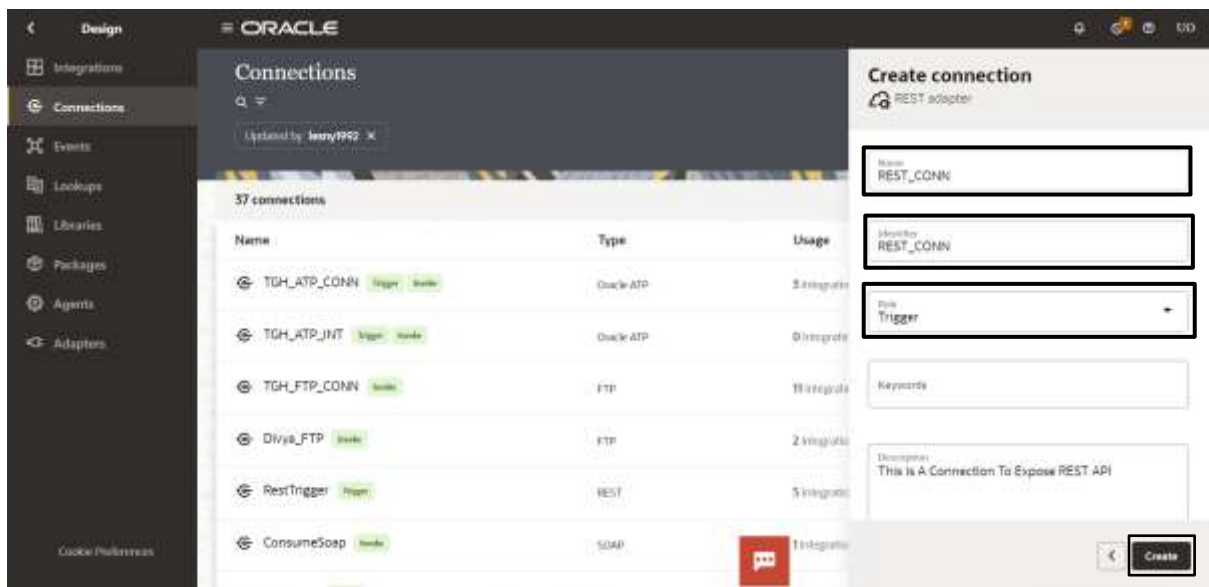
Country	Capital	CountryCode
India	Delhi	+91
Sri Lanka	Colombo	+94
France	Paris	+33
Argentina	Buenos Aires	+54
Brazil	Brasilia	+55
United Kingdom	London	+44

Layout Table

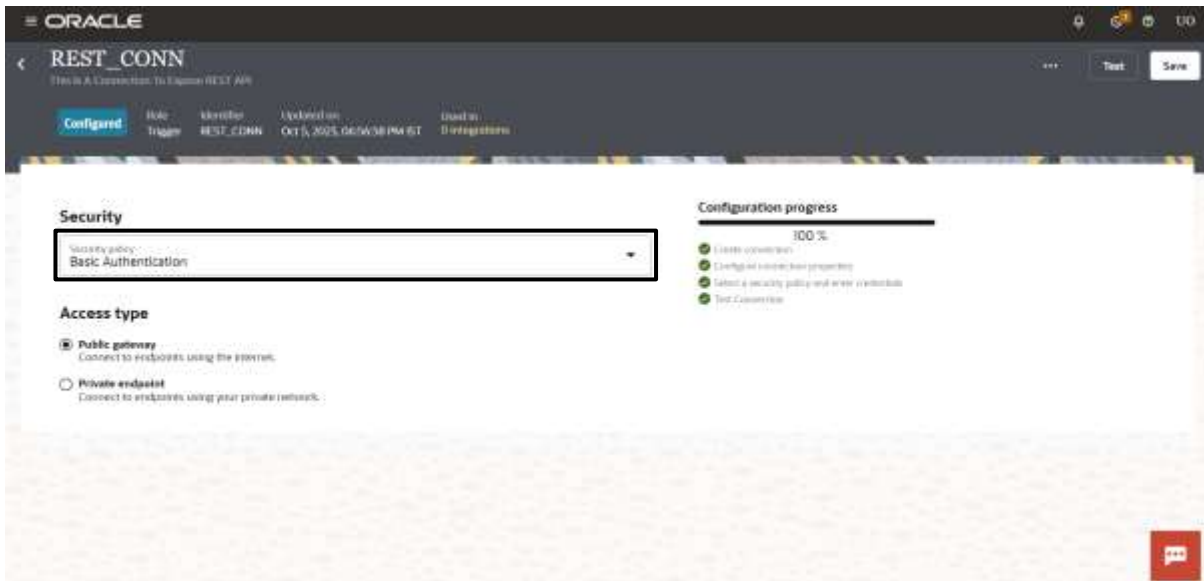
STEP 13: Select REST Connector by clicking on create connection



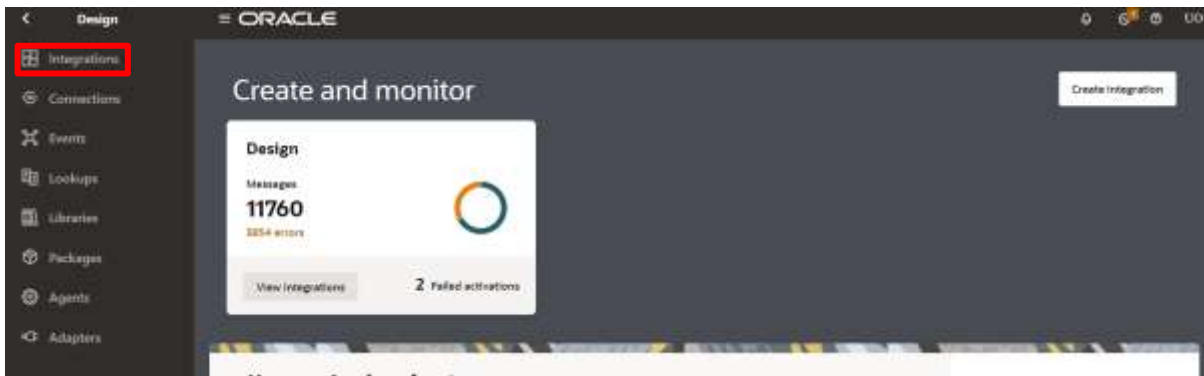
Step 14: Provide the details as shown below



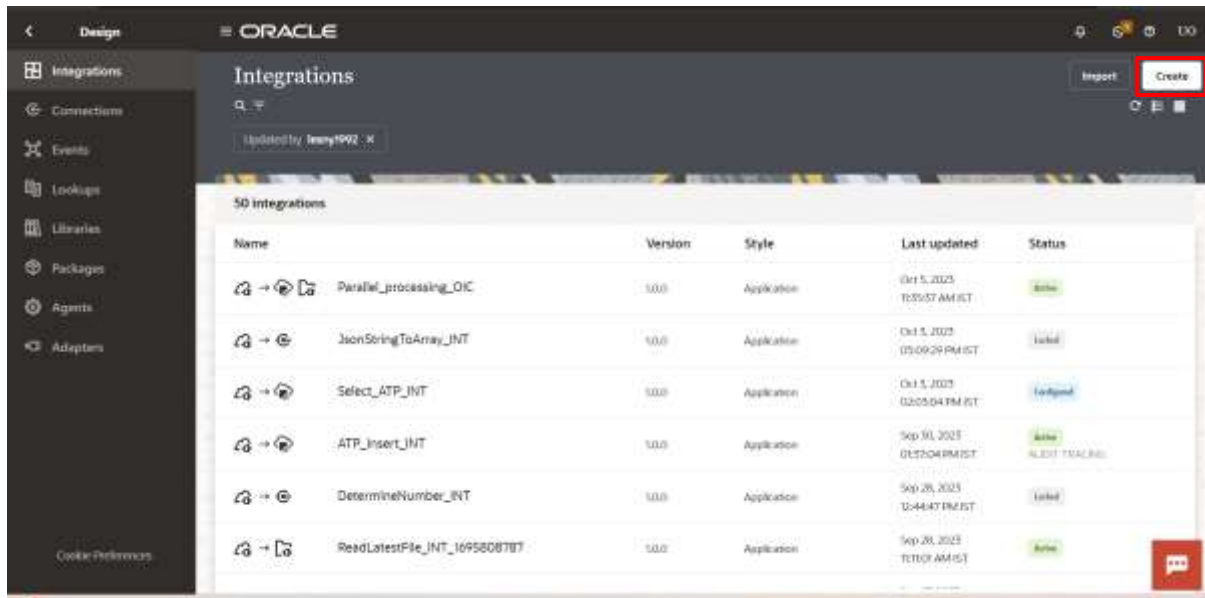
STEP 15: Select the security policy as “Basic Authentication” and click on ‘Test’ followed by ‘Save’



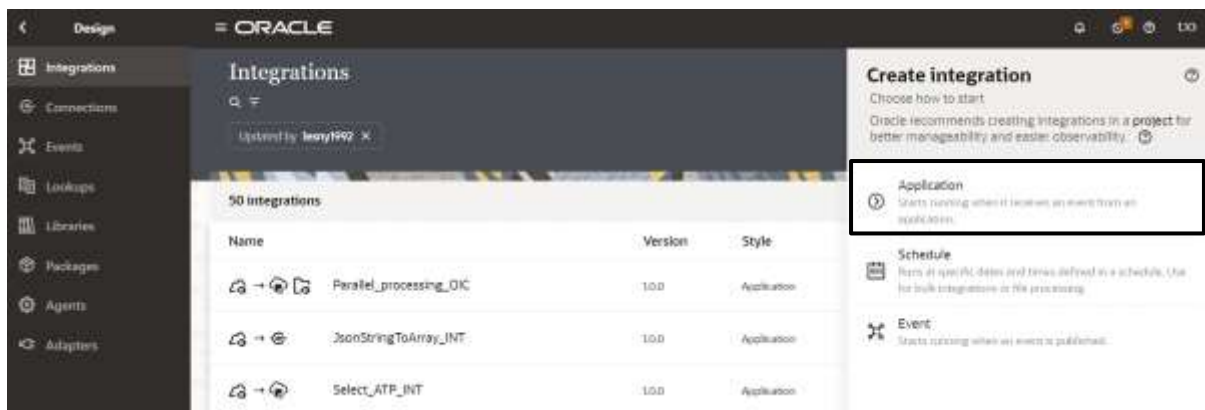
STEP 16: Navigate to Integrations



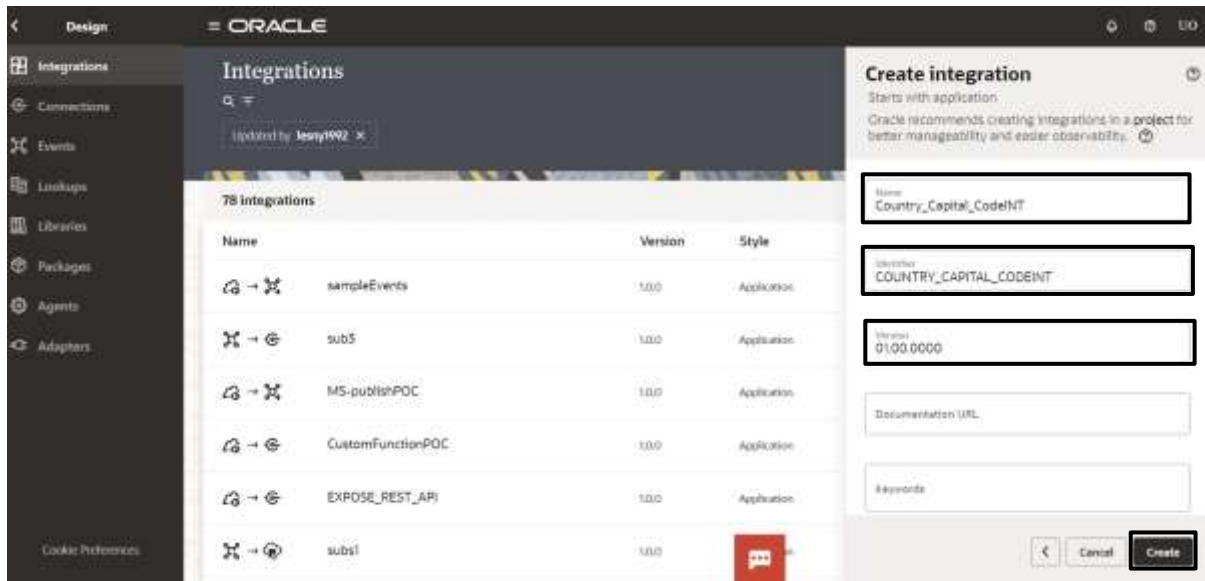
STEP 17: Click on create integration to create new process



STEP 18: Select “Application” to create an integration



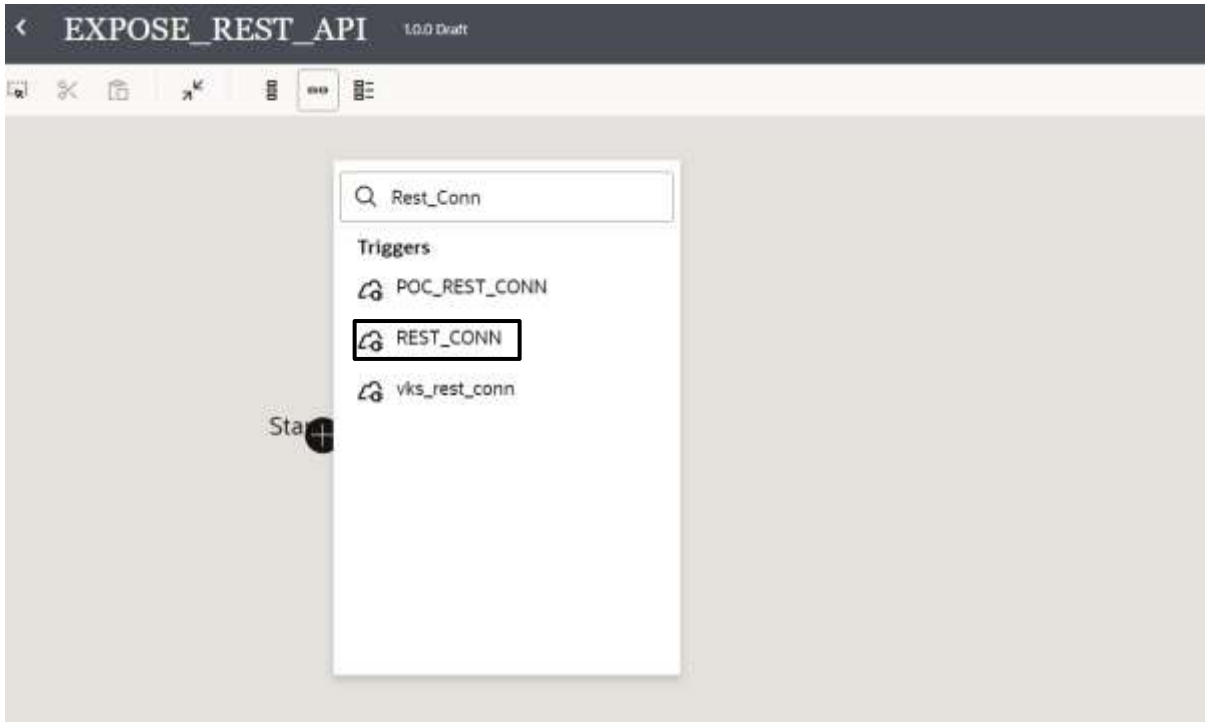
STEP 19: Provide the following details as shown in below image



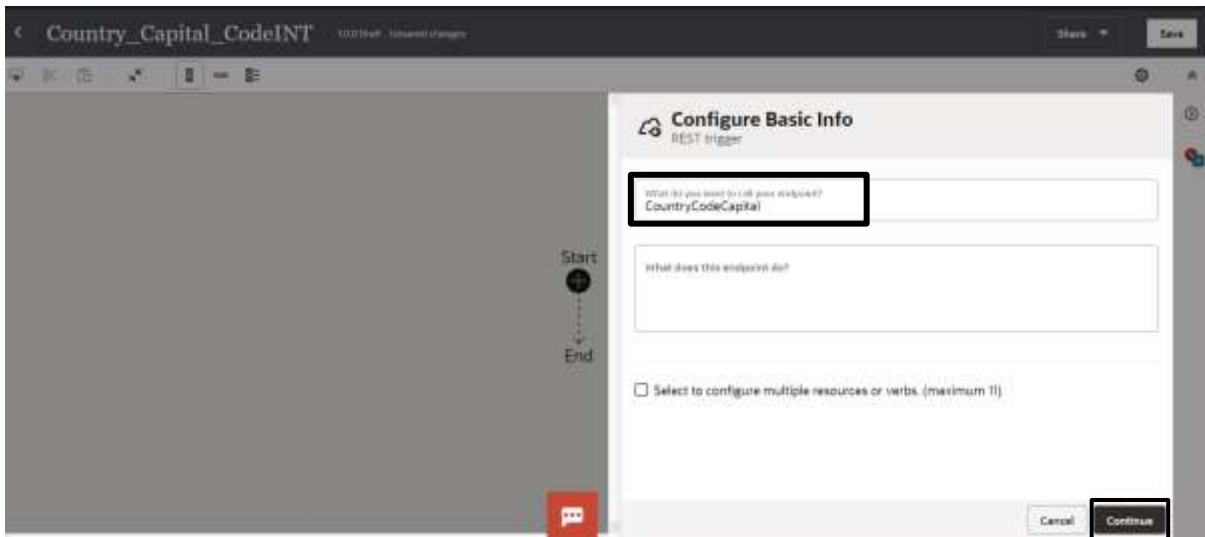
STEP 20: Following Page will open



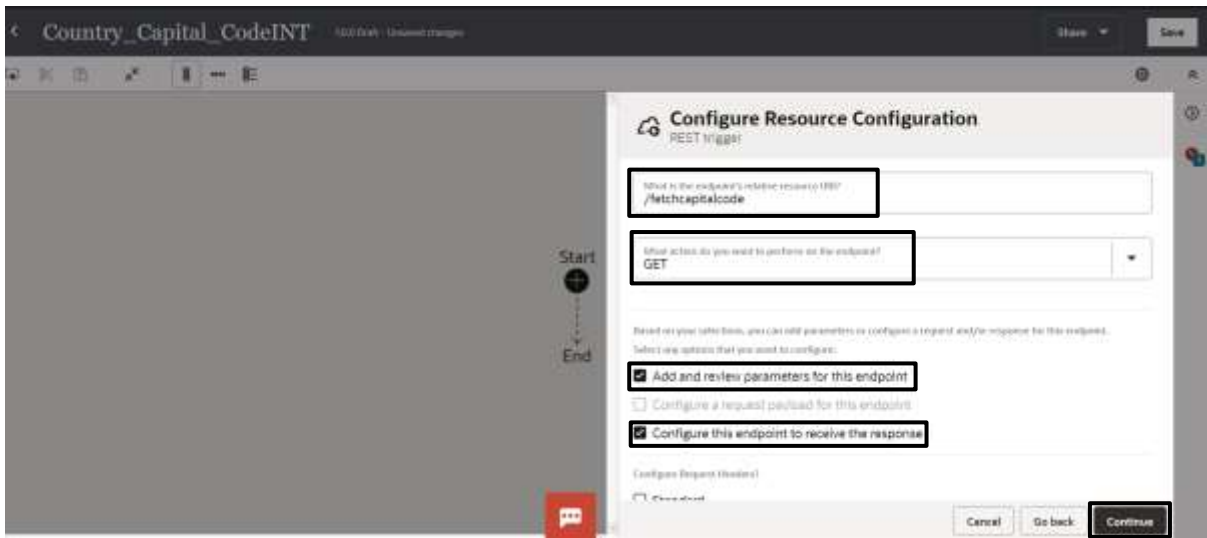
STEP 21: Click on the (+) beside start and select the connector which you have configured in Step14



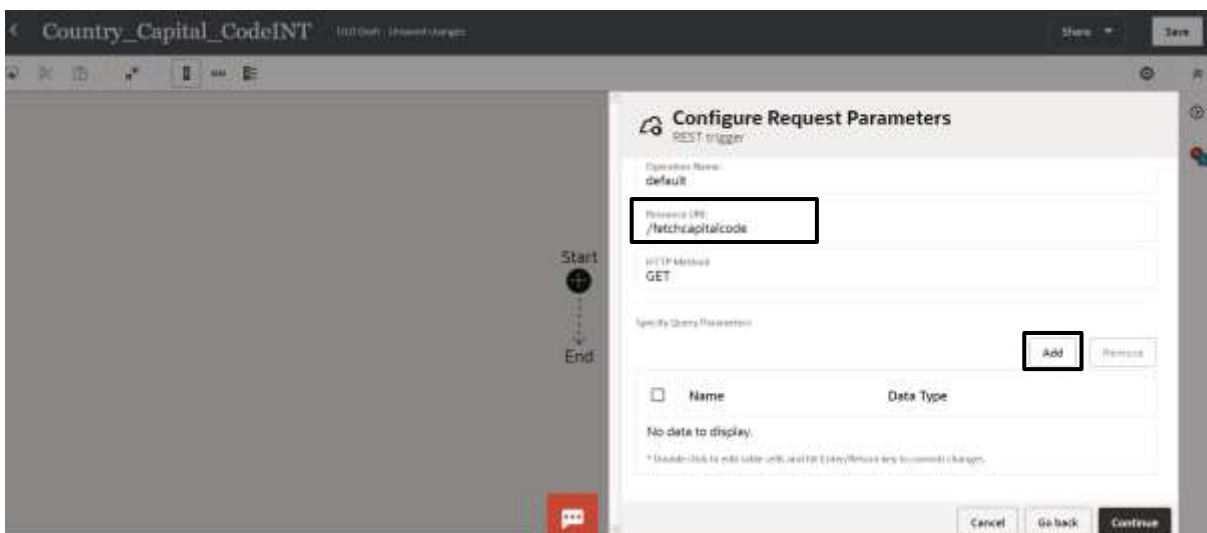
STEP 22: Provide the following details as shown in below image and click on continue



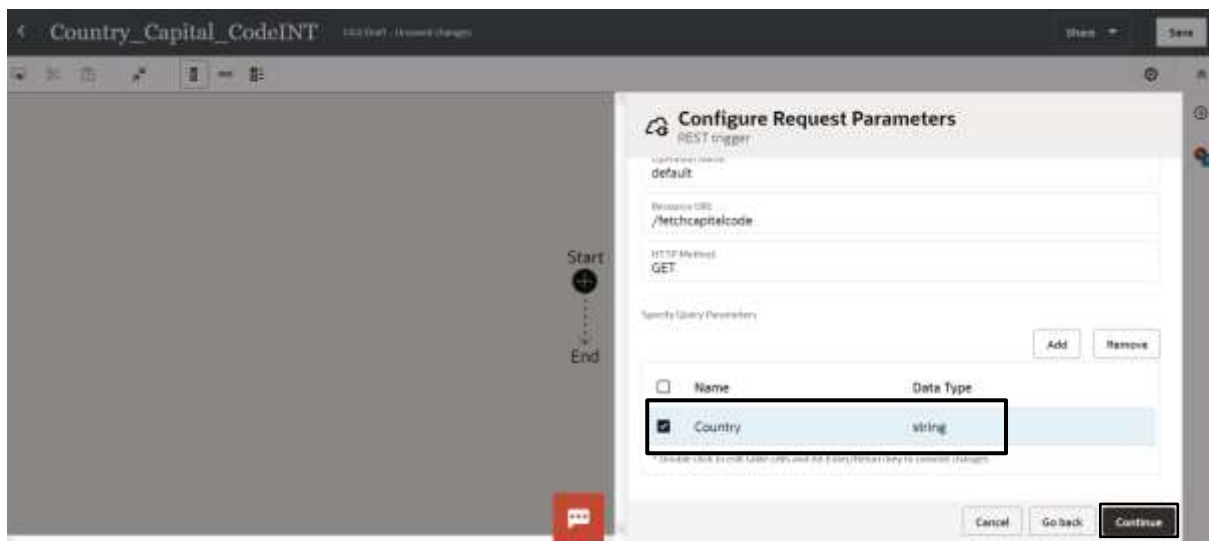
STEP 23: Provide the details as shown in below image and click on continue



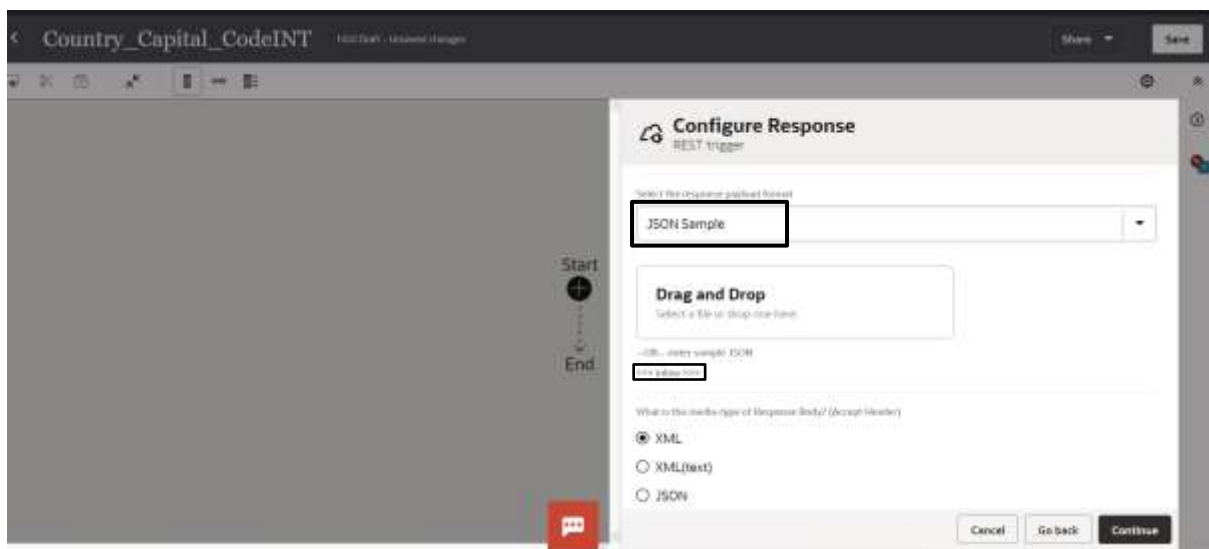
STEP 24: provide the following details and add query parameters by navigating to Add option



STEP 25: Add the value we want to pass like as shown below



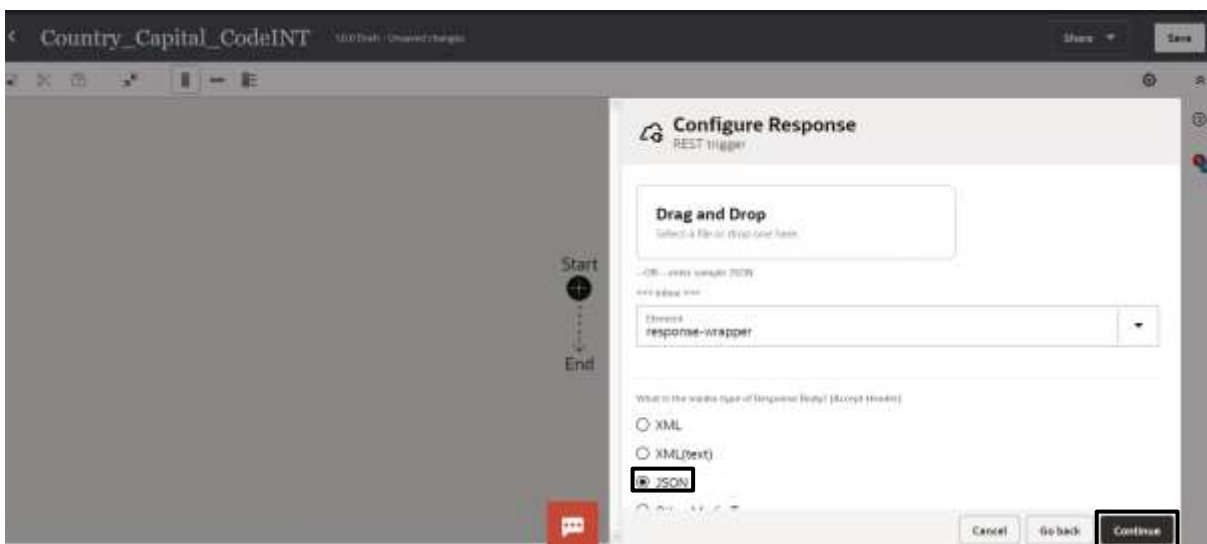
STEP 26: Select response payload as Json and select Inline to pass the Json Sample payload



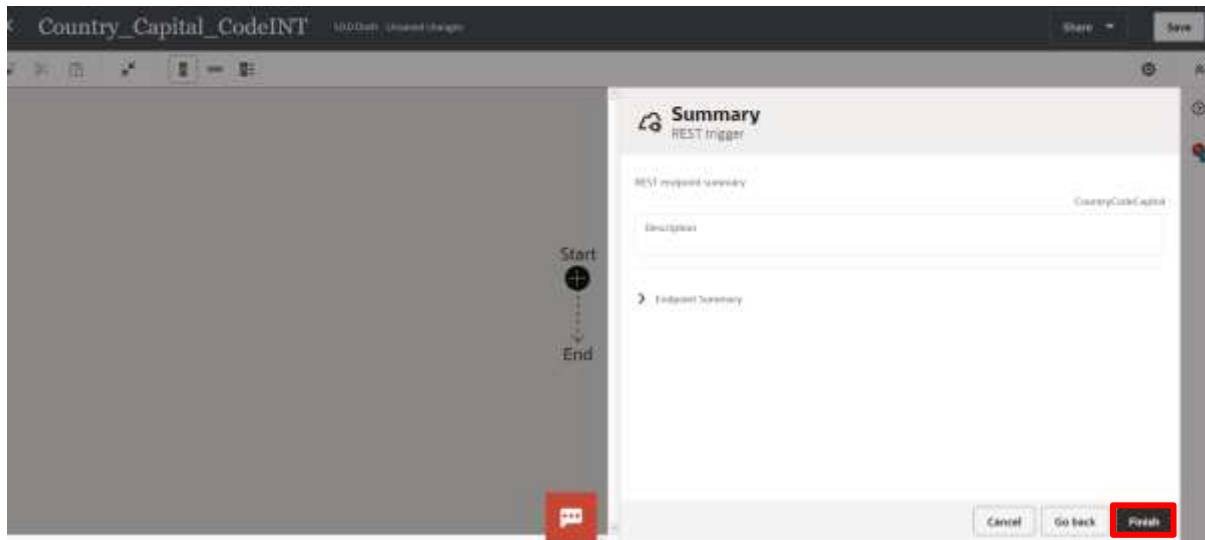
STEP 27: Pass the response profile like as shown below



STEP 28: Select the media type of Response body as Json and click on continue



STEP 29: Click on finish



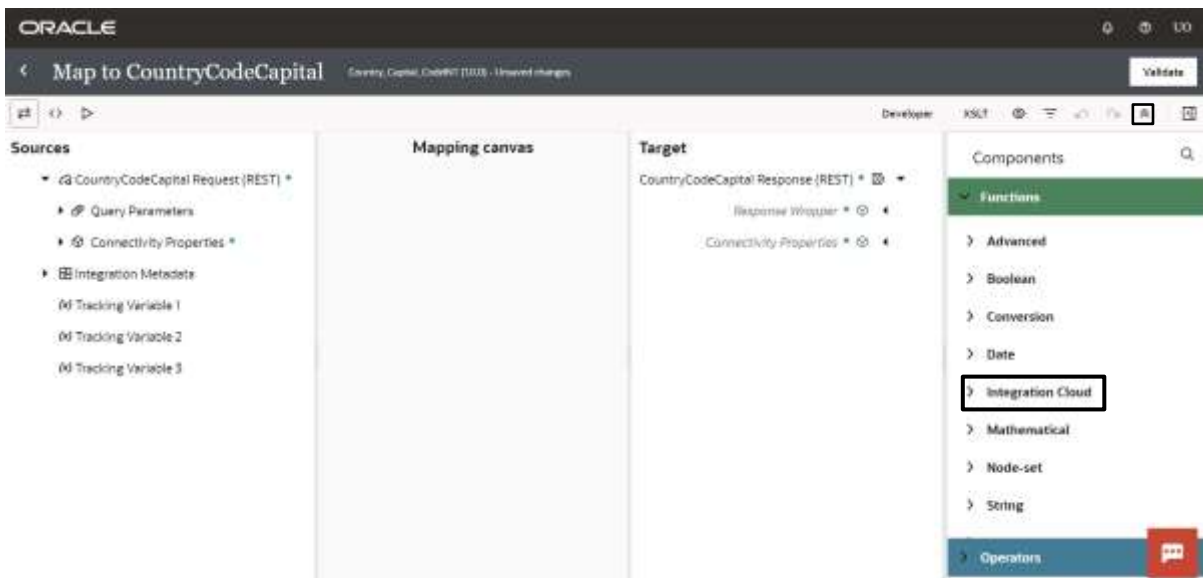
STEP 30: Navigate to map shape and click on 3 dots as marked in below image



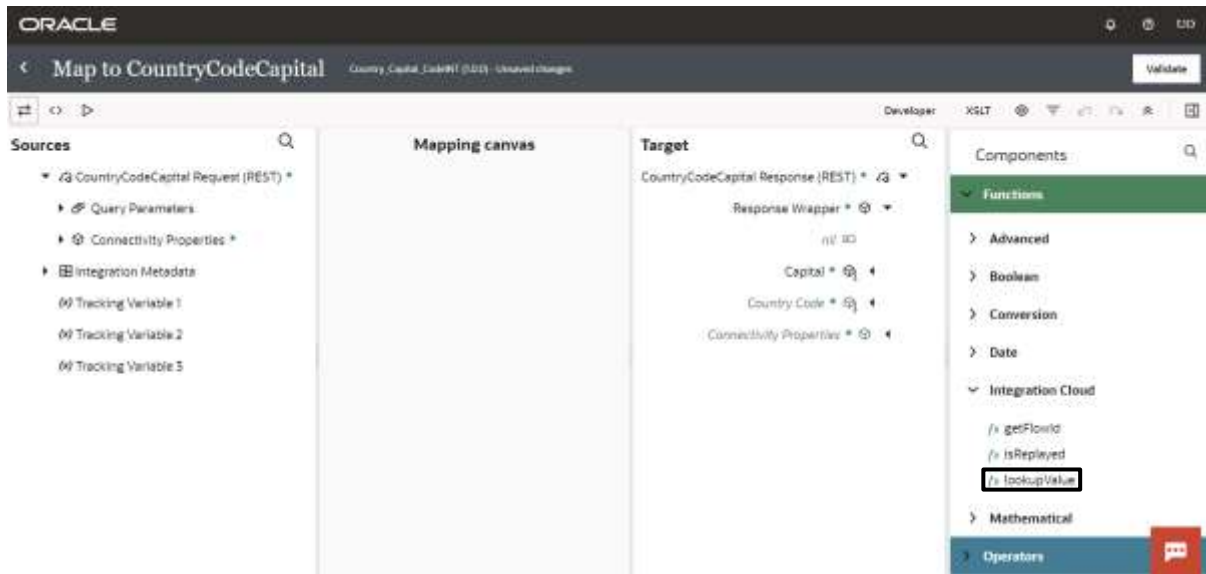
STEP 31: Select Edit option to open the Map shape



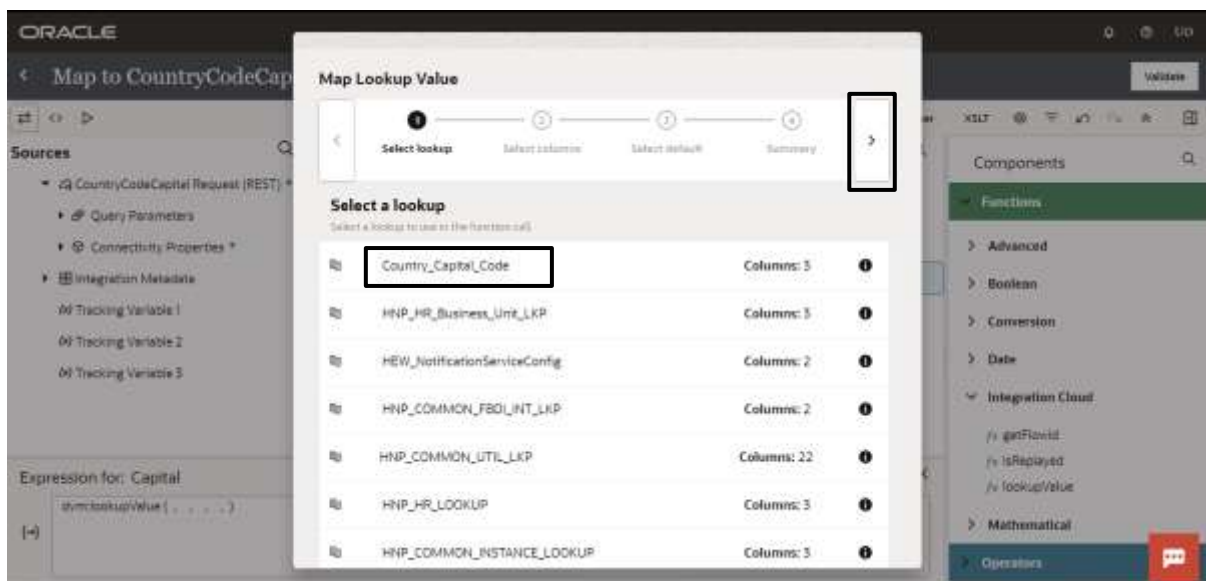
STEP 32: Navigate to Integration cloud and select



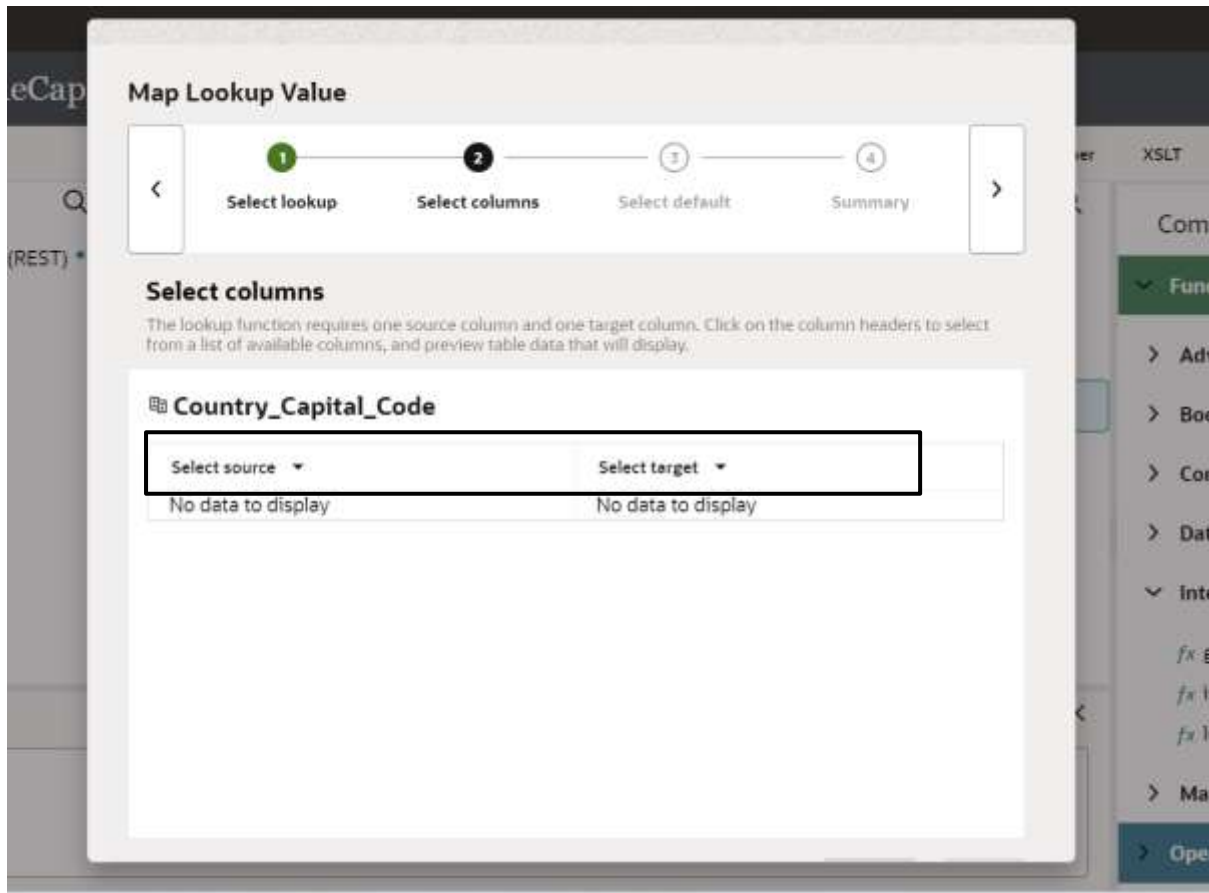
STEP 33: Drag the option 'LookupValue' from Integration cloud to 'Capital'



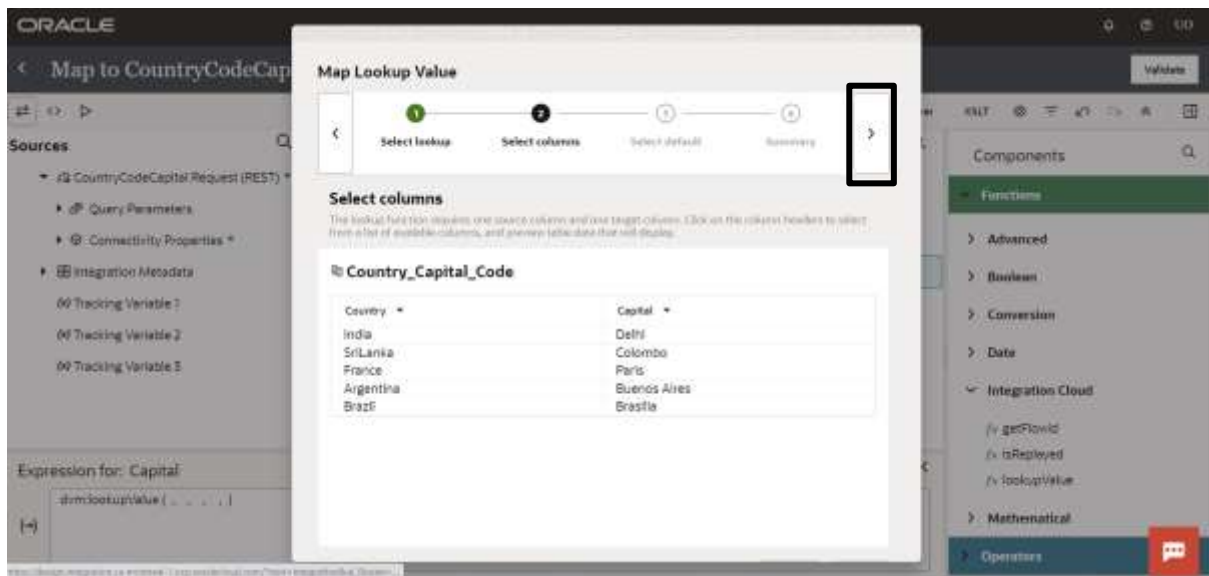
STEP 34: Select the lookup table that you have configured in step 7



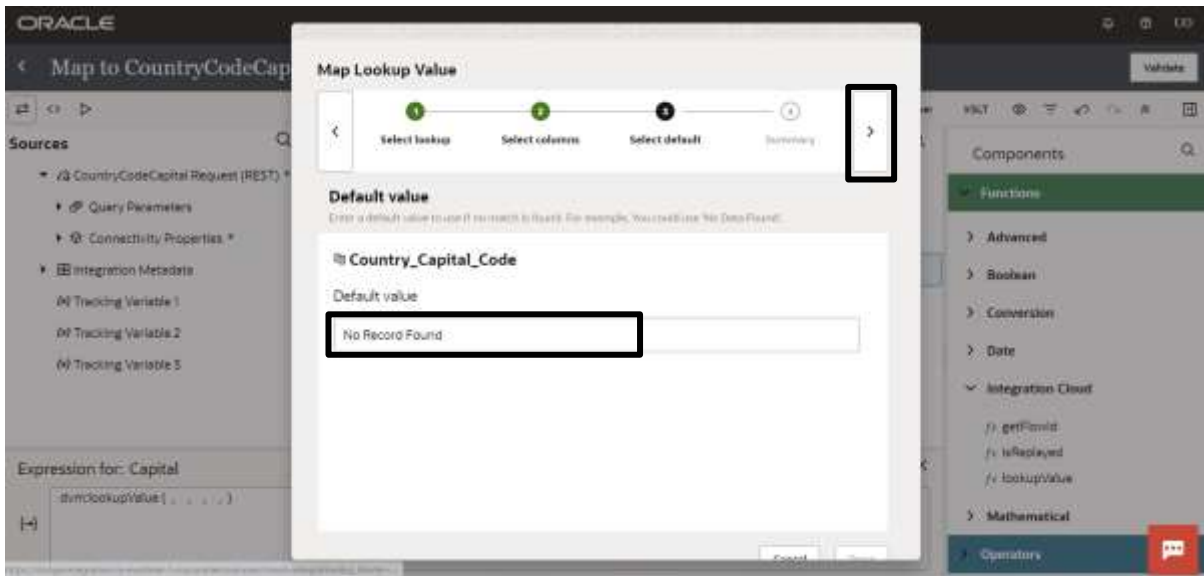
STEP 35: Select Source and Target to select the value



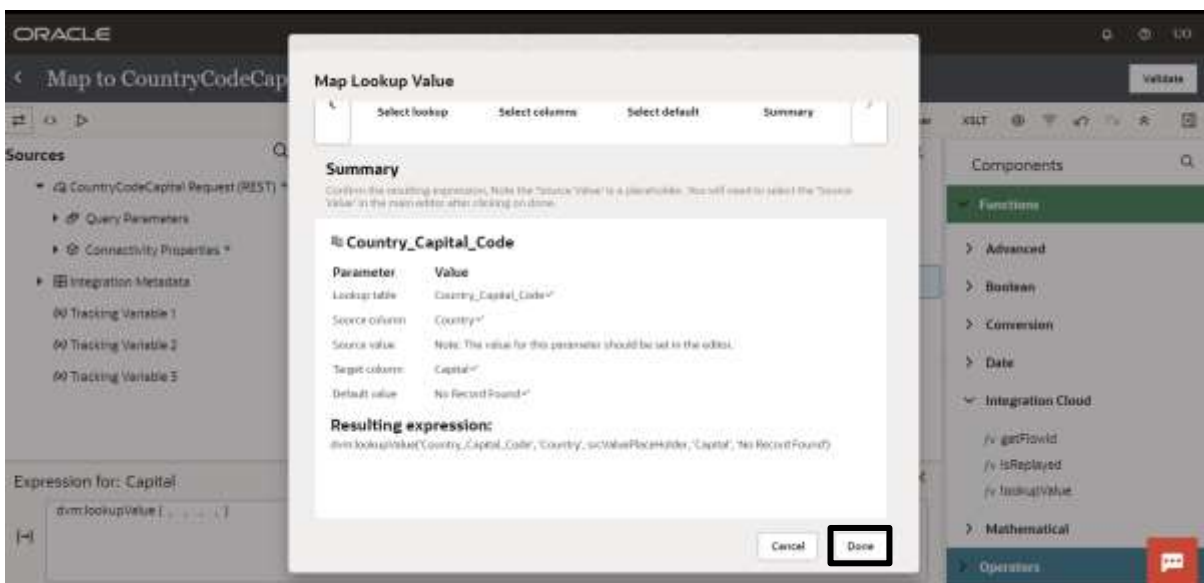
STEP 36: After select the columns from the lookup value



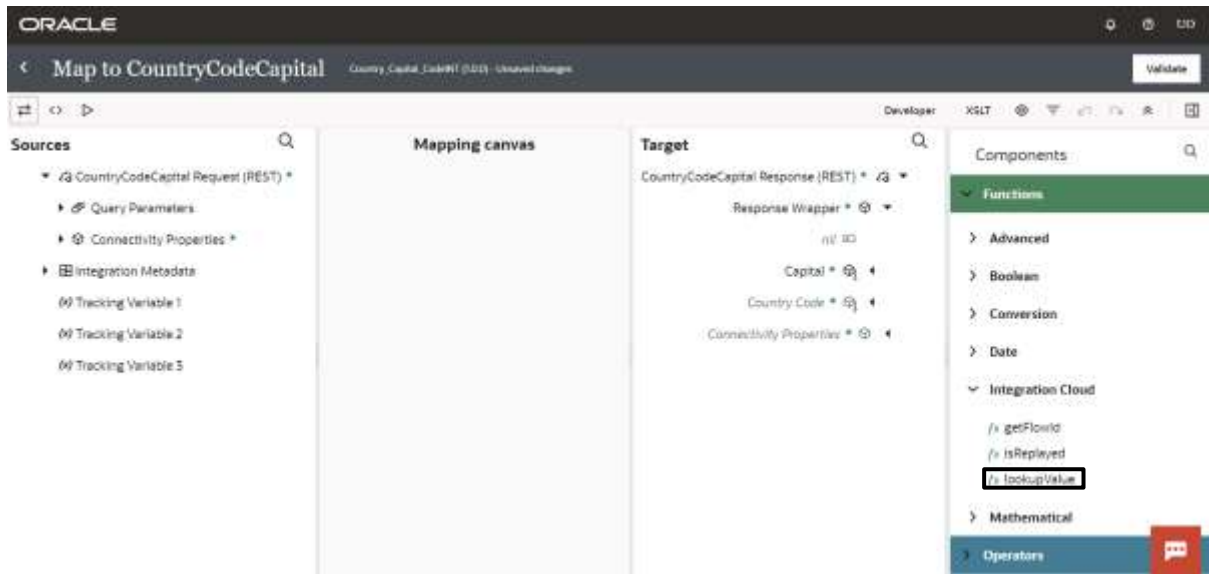
STEP 37: Provide the following value as default value ‘No Record Found’



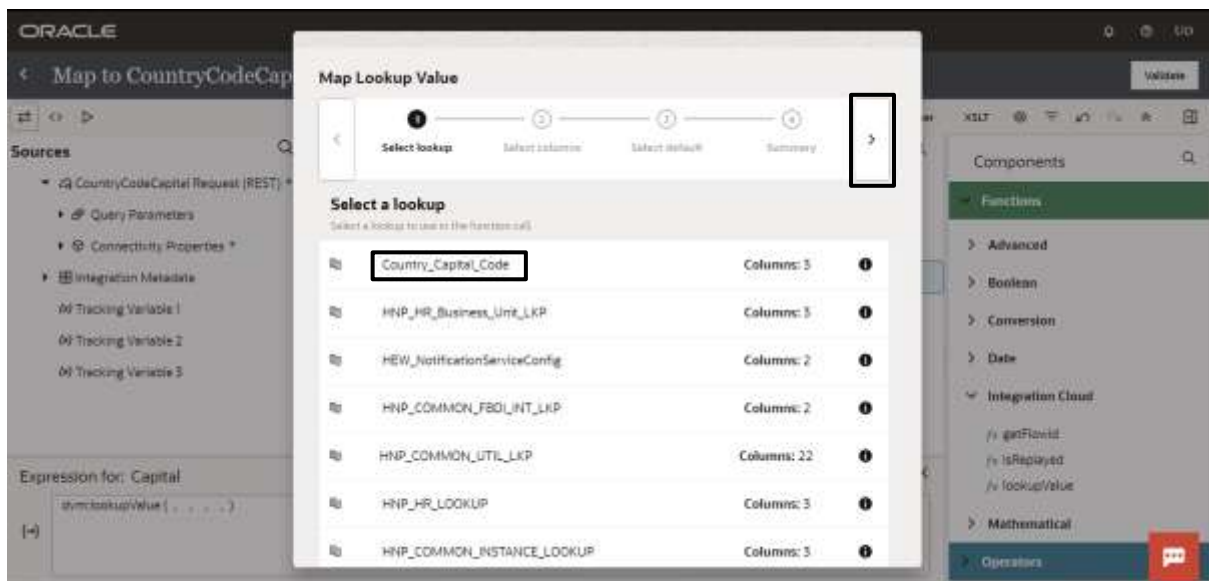
STEP 38: Click on Done



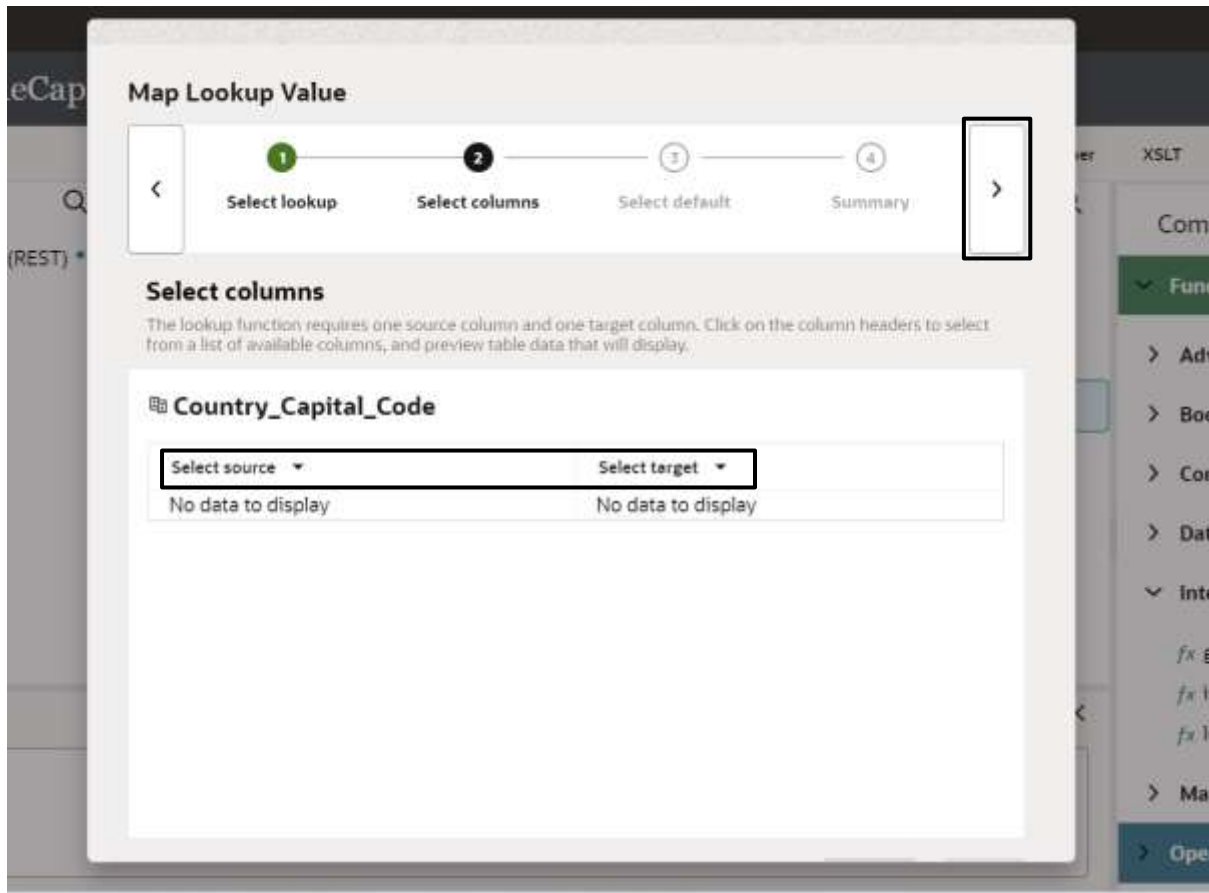
STEP 39: Drag the option 'LookupValue' from Integration cloud to 'Country Code'



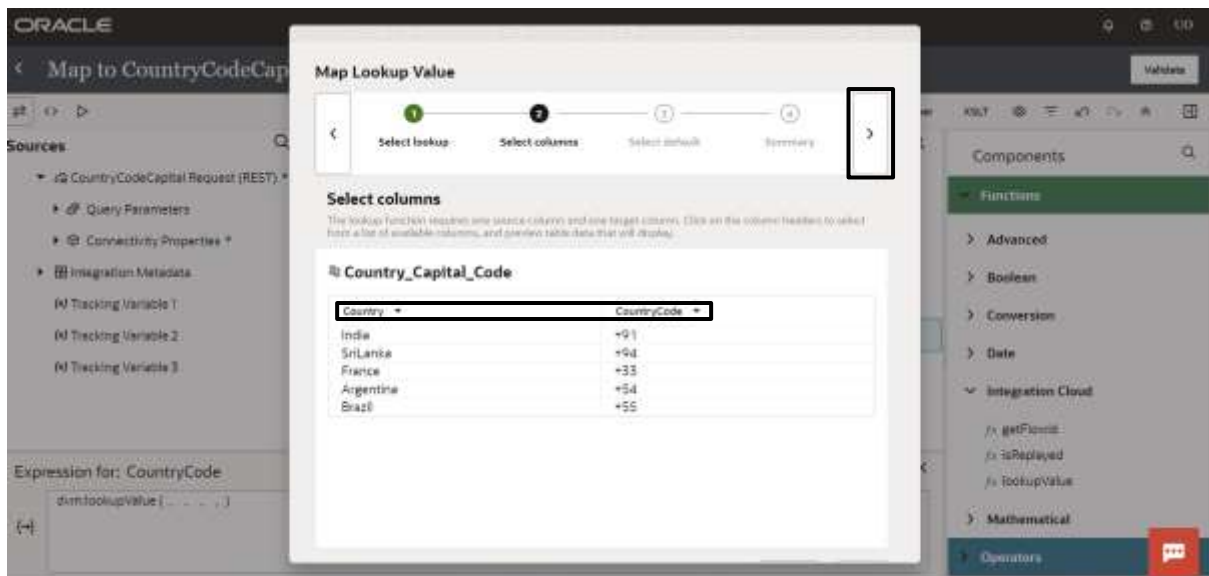
STEP 40: Select the lookup table that you have configured in step 7



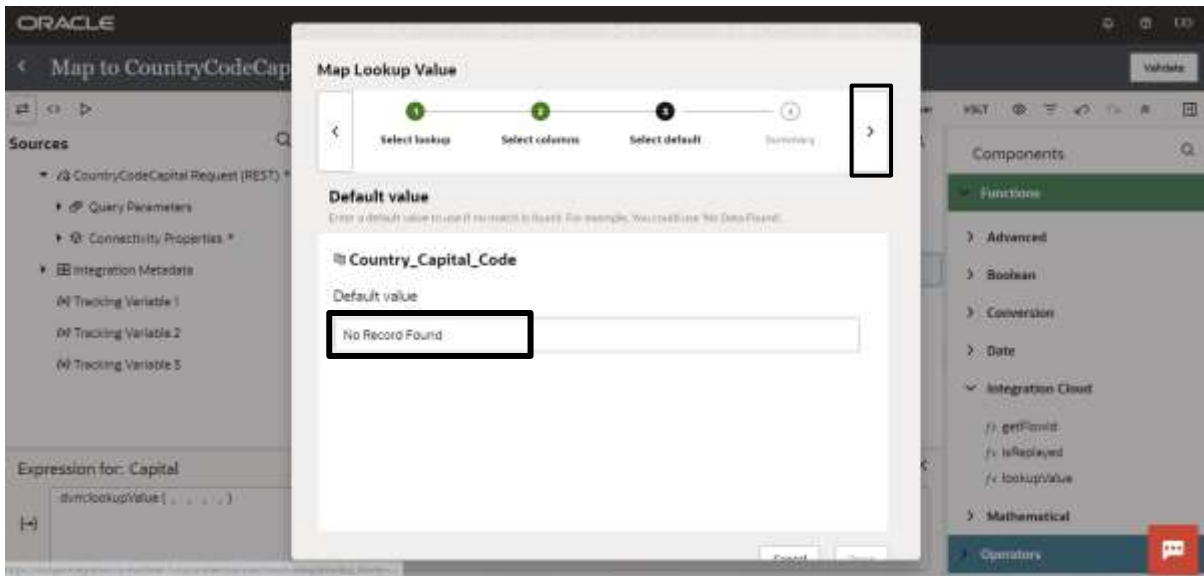
STEP 41: Select Source and Target to select the value



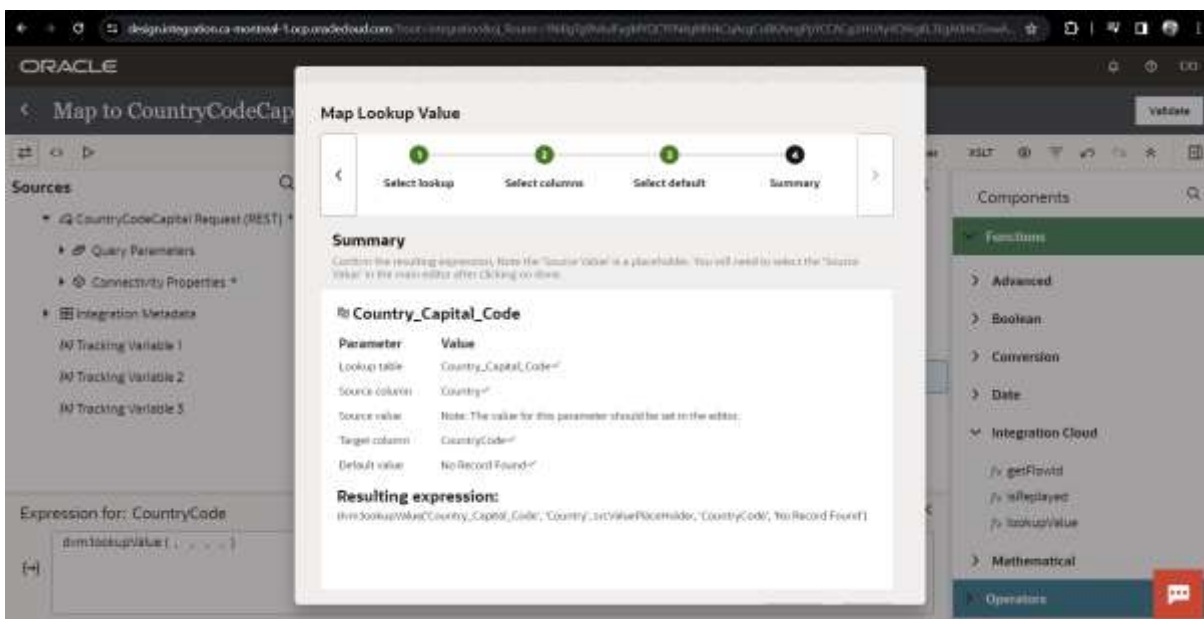
STEP 42: After select the columns from the lookup value



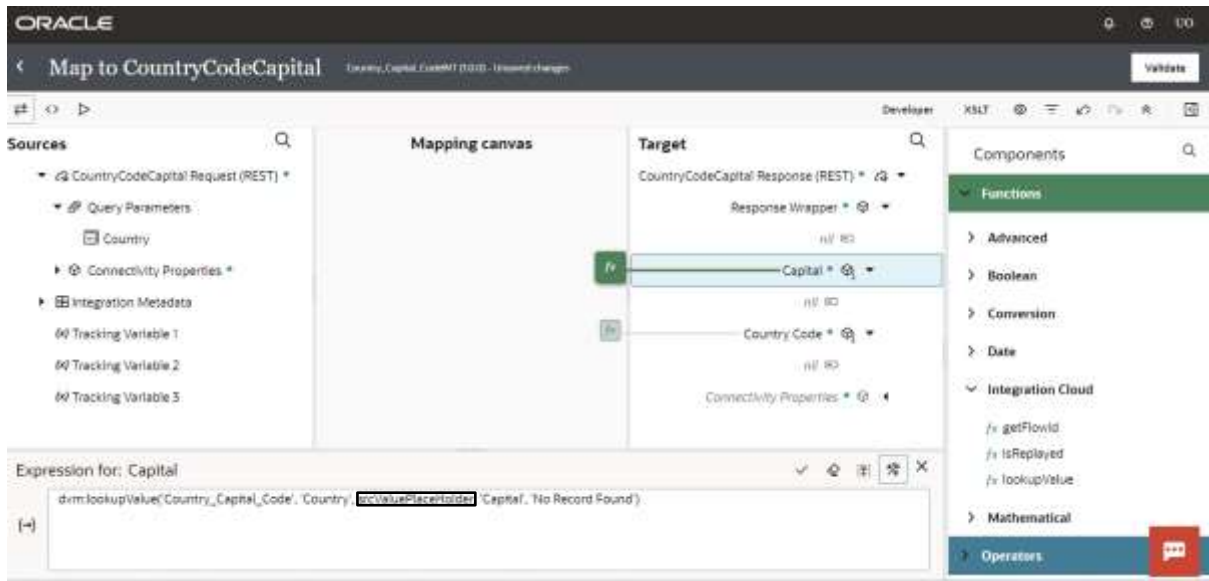
STEP 43: Provide the following value as default value ‘No Record Found’



STEP 44: Click on Done



STEP 45: Remove the 'srcValuePlaceholder'



ORACLE
 Map to CountryCodeCapital Country_Capital_Code(1) (1) - Unsaved changes

Sources

- CountryCodeCapital Request (REST) *
- Query Parameters
 - Country
- Connectivity Properties *
- Integration Metadata
 - Tracking Variable 1
 - Tracking Variable 2
 - Tracking Variable 3

Mapping canvas

Target

- CountryCodeCapital Response (REST) *
- Response Wrapper *
 - Capital *
 - Country Code *
 - Connectivity Properties *

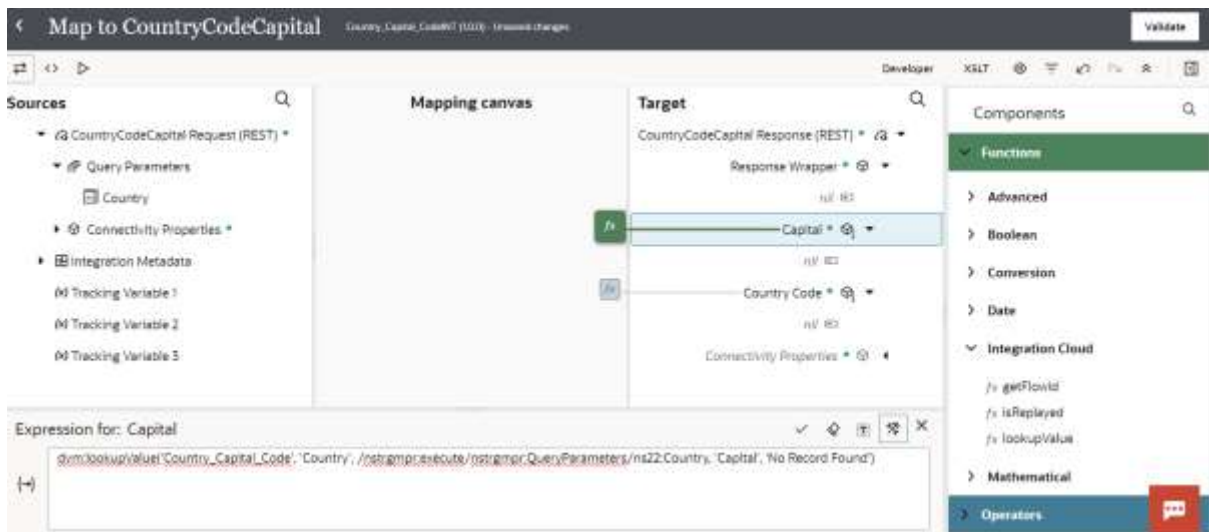
Expression for: Capital

```
dm:lookupValue('Country_Capital_Code', Country, srcValuePlaceholder, 'Capital', 'No Record Found')
```

Components

- Functions
- Advanced
- Boolean
- Conversion
- Date
- Integration Cloud
 - getFlowId
 - isReplayed
 - lookupValue
- Mathematical
- Operators

STEP 46: Drag and drop 'Country' value from Source Profile and replace in place of 'srcValuePlaceholder'



ORACLE
 Map to CountryCodeCapital Country_Capital_Code(1) (1) - Unsaved changes

Sources

- CountryCodeCapital Request (REST) *
- Query Parameters
 - Country
- Connectivity Properties *
- Integration Metadata
 - Tracking Variable 1
 - Tracking Variable 2
 - Tracking Variable 3

Mapping canvas

Target

- CountryCodeCapital Response (REST) *
- Response Wrapper *
 - Capital *
 - Country Code *
 - Connectivity Properties *

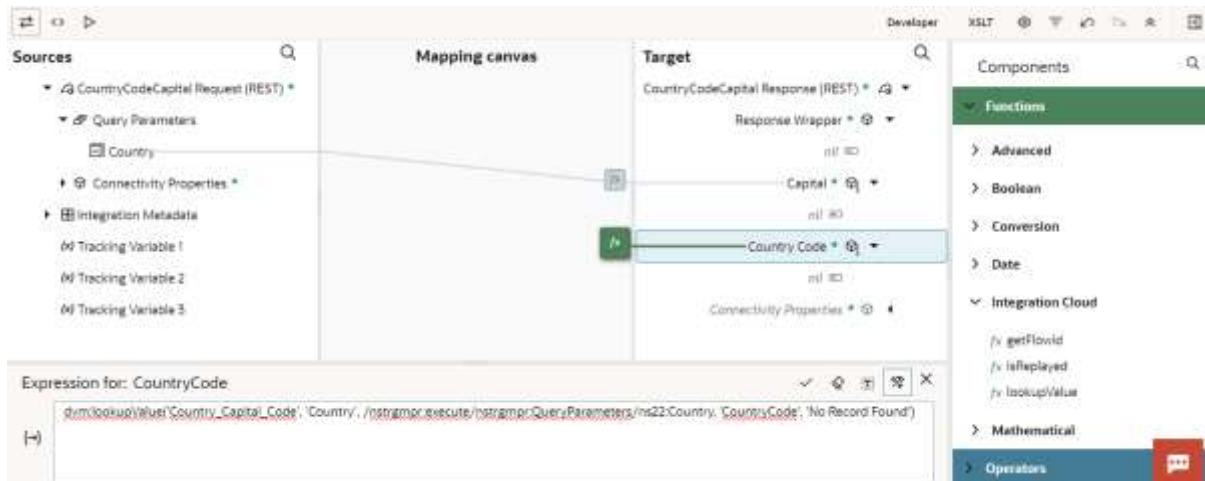
Expression for: Capital

```
dm:lookupValue('Country_Capital_Code', Country, //param:srcouts/param:QueryParameters/m22:Country, 'Capital', 'No Record Found')
```

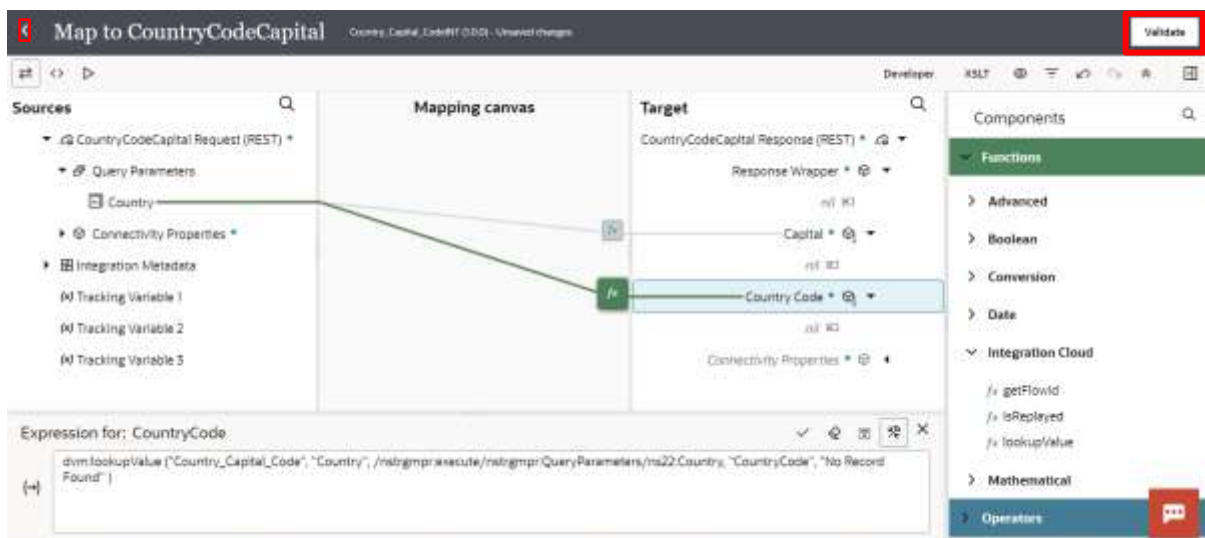
Components

- Functions
- Advanced
- Boolean
- Conversion
- Date
- Integration Cloud
 - getFlowId
 - isReplayed
 - lookupValue
- Mathematical
- Operators

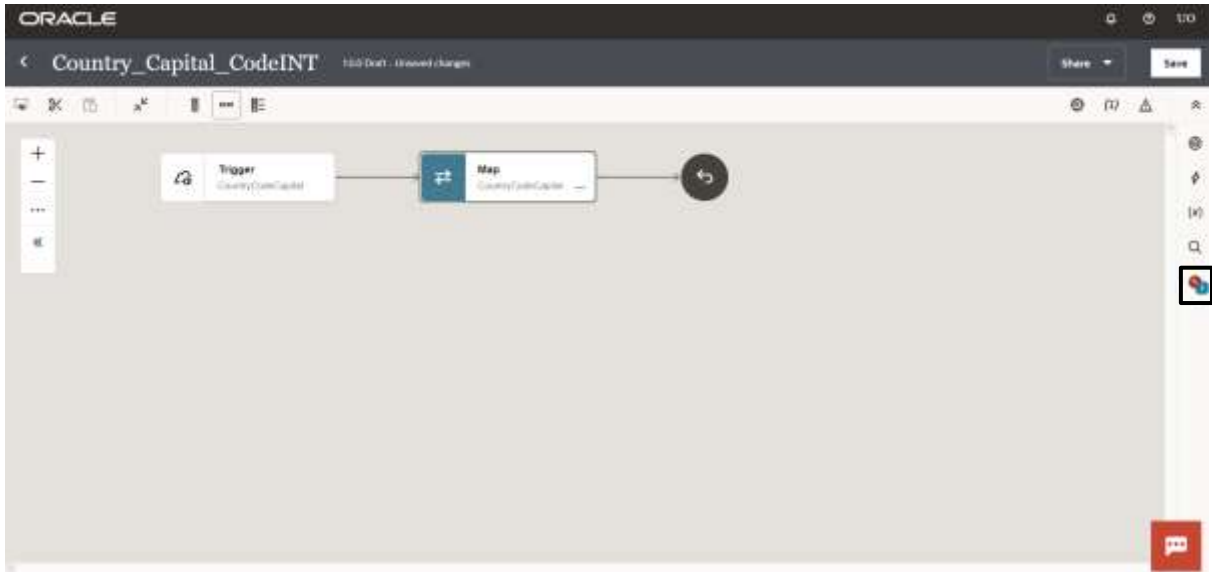
STEP 47: Remove the 'srcValuePlaceHolder'



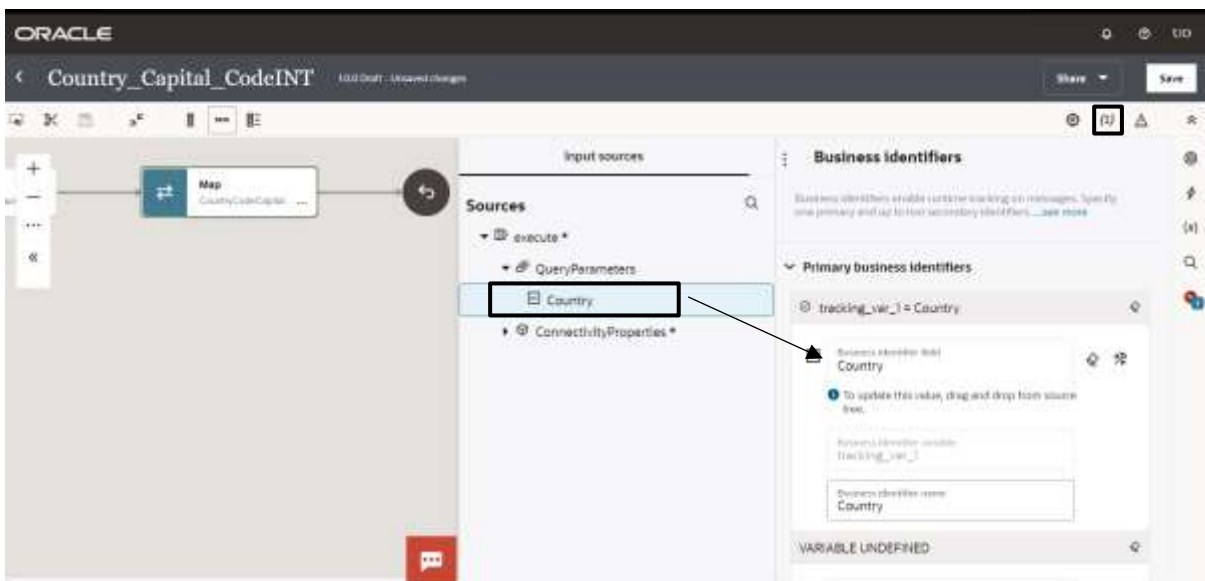
STEP 48: Drag and drop 'Country' value from Source Profile and replace in place of 'srcValuePlaceHolder' and click on validate



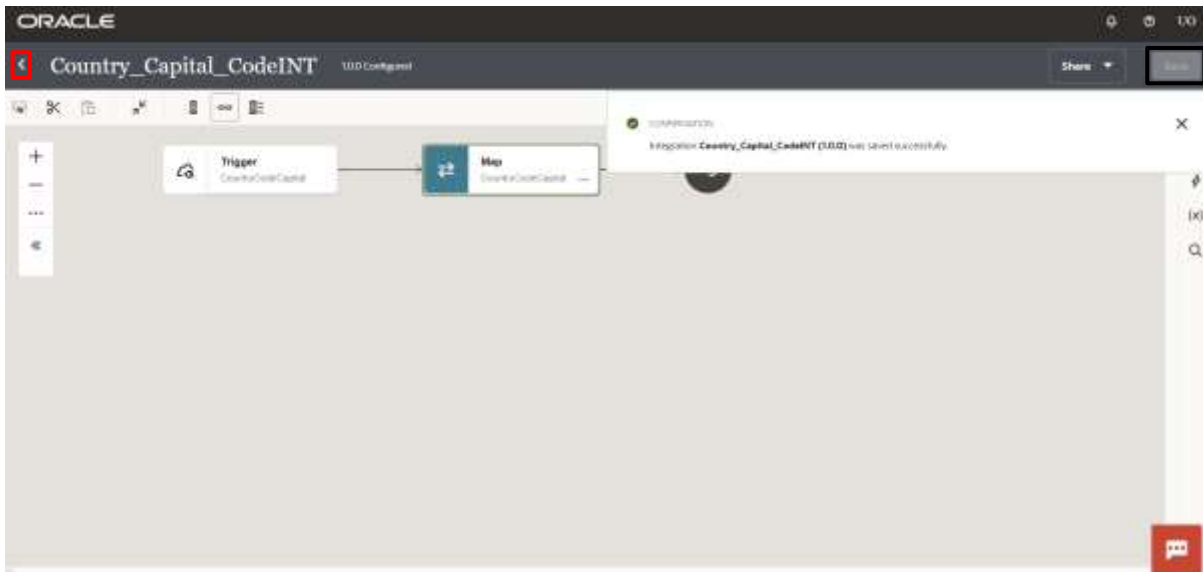
STEP 49: Click on Business Identifier on the Right Side as shown below and click on errors



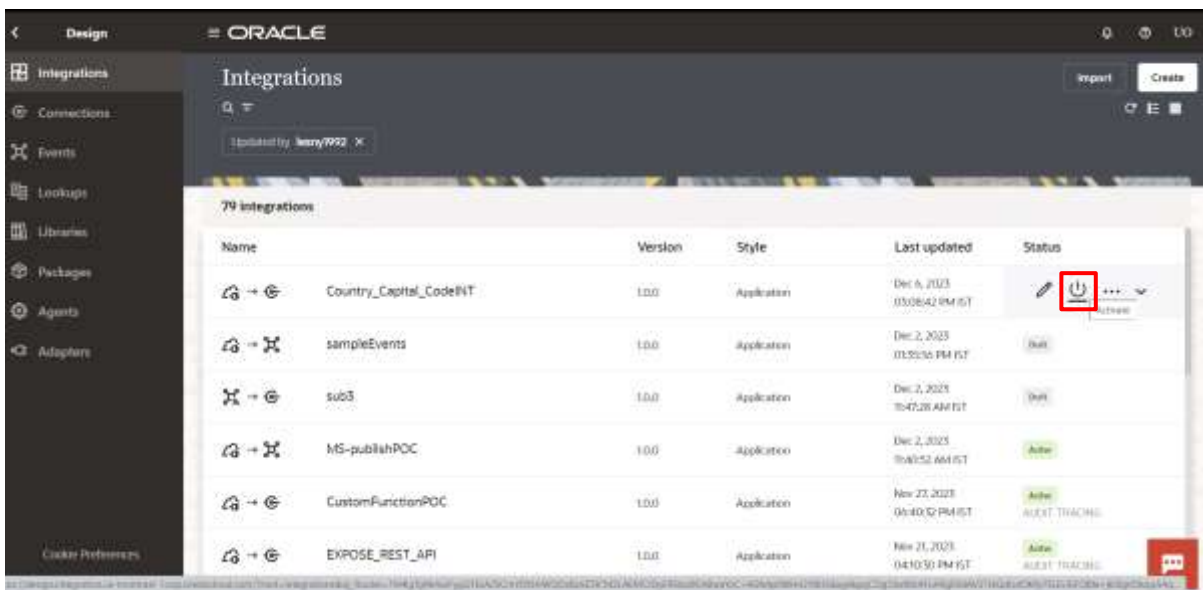
STEP 50: Click on (I) as shown in the below image and click on QueryParameter and select 'Country' and drag and drop in the field as shown below



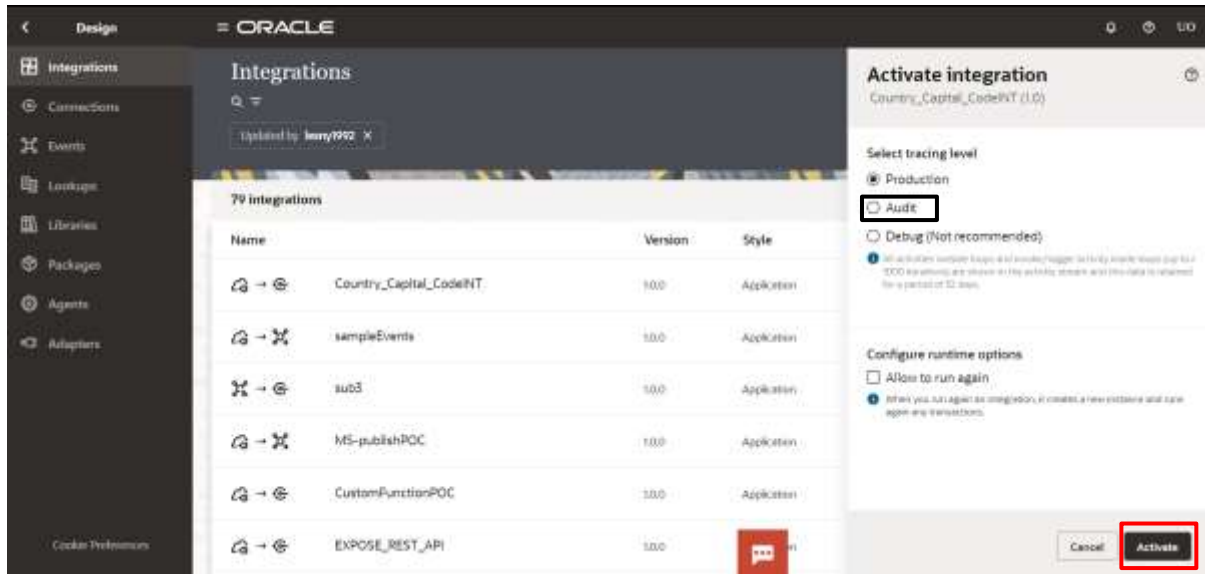
STEP 51: Click on Save To save the process and Business identifier



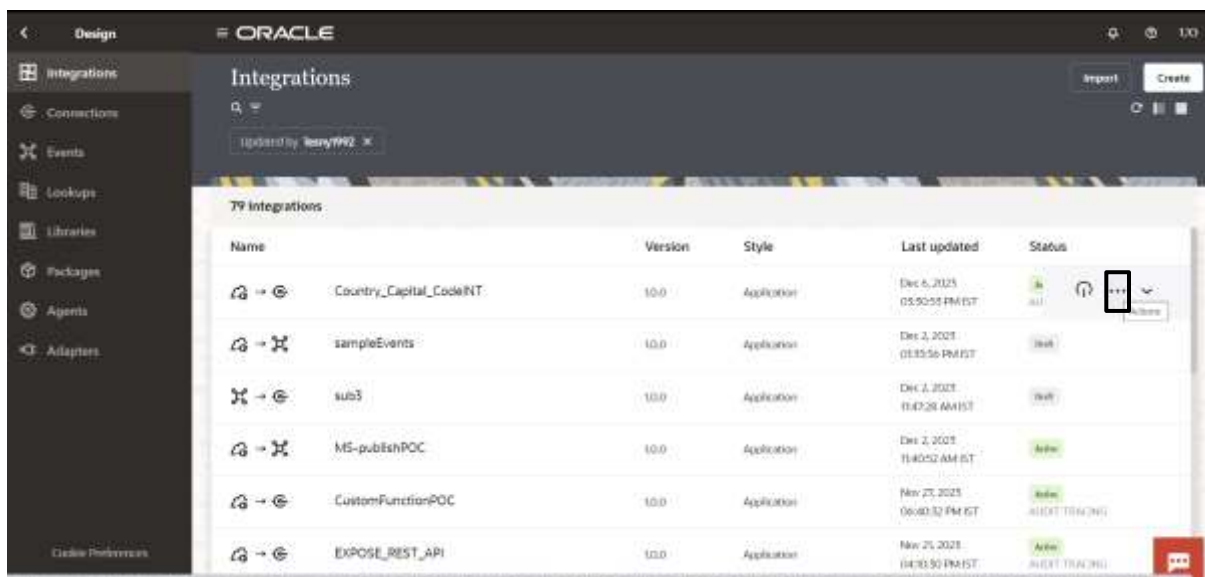
STEP 52: Find your integration process from the list and select the activate option as shown below to activate the process for testing.



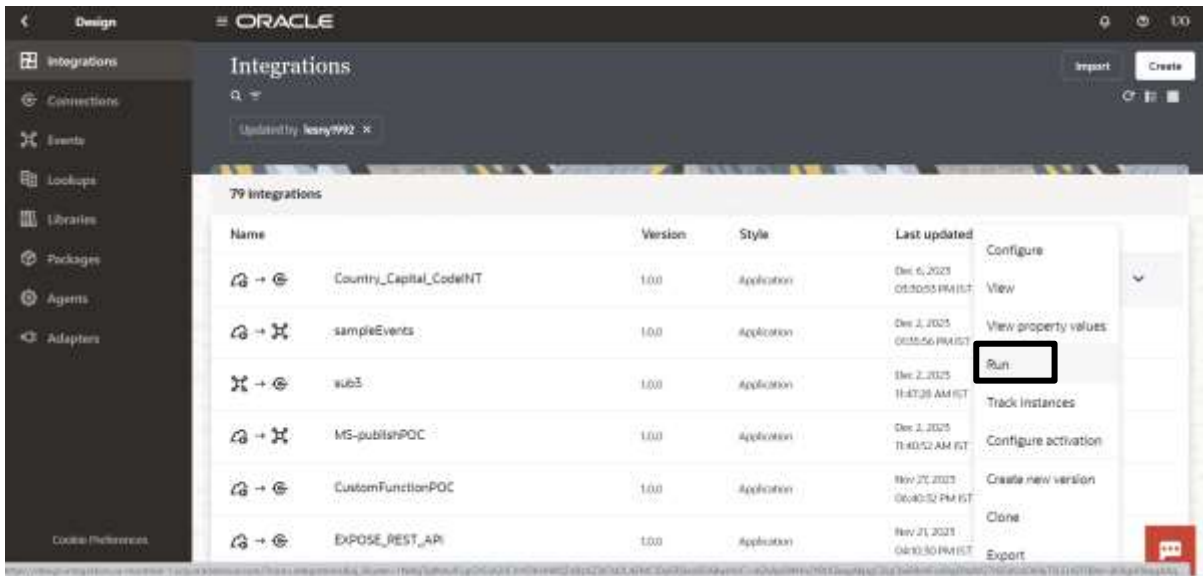
STEP 53: To activate the integration we need to select the environment or tracing level. For this process, we are selecting 'Audit' as the Tracing level and click on Activate



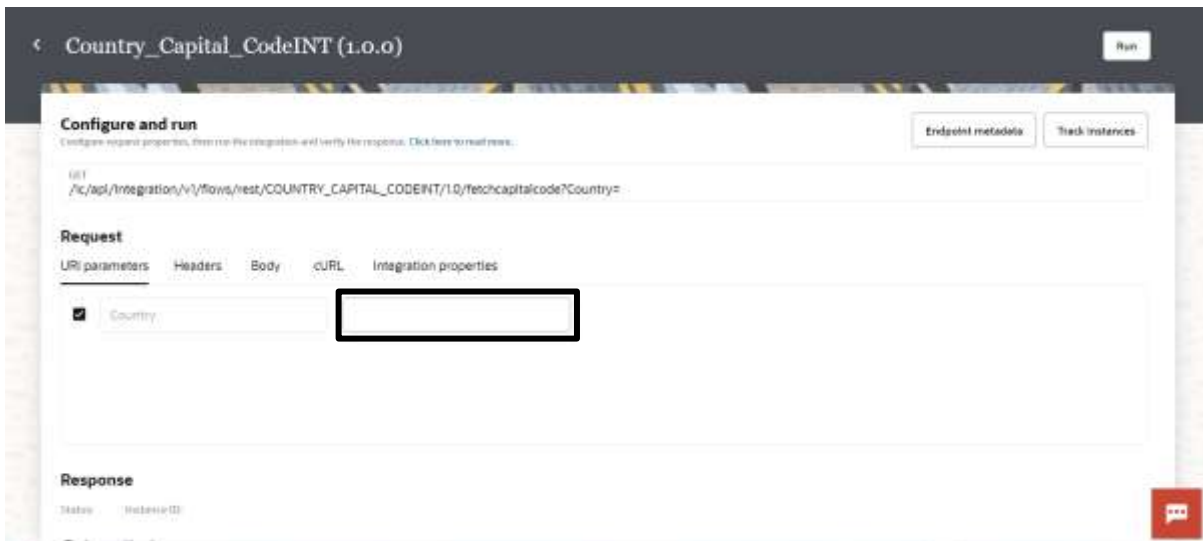
STEP 54: Click on the dropdown



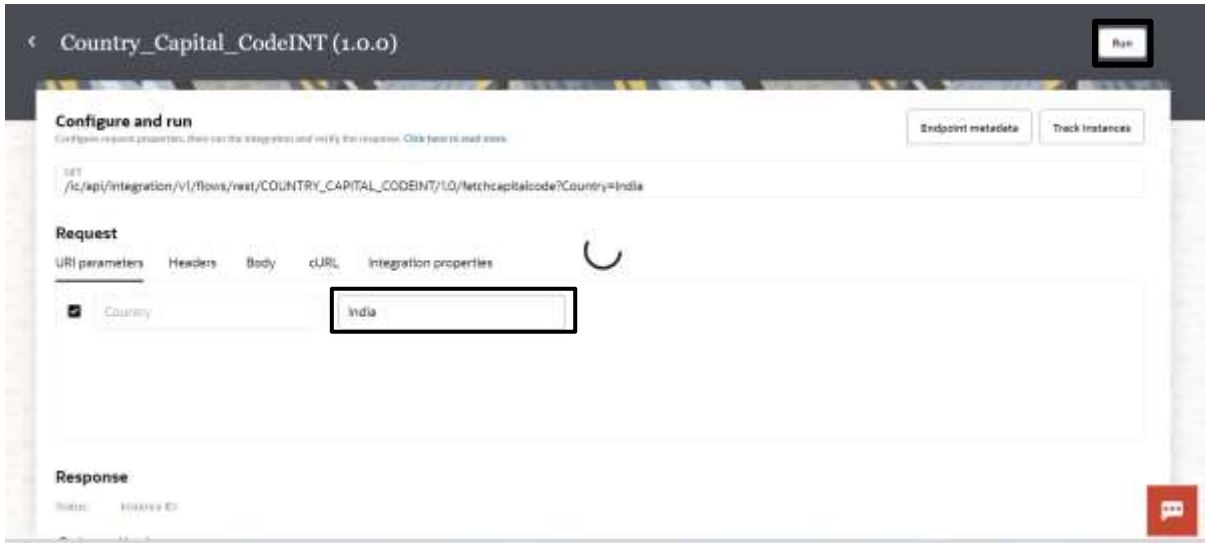
STEP 55: Click on Run



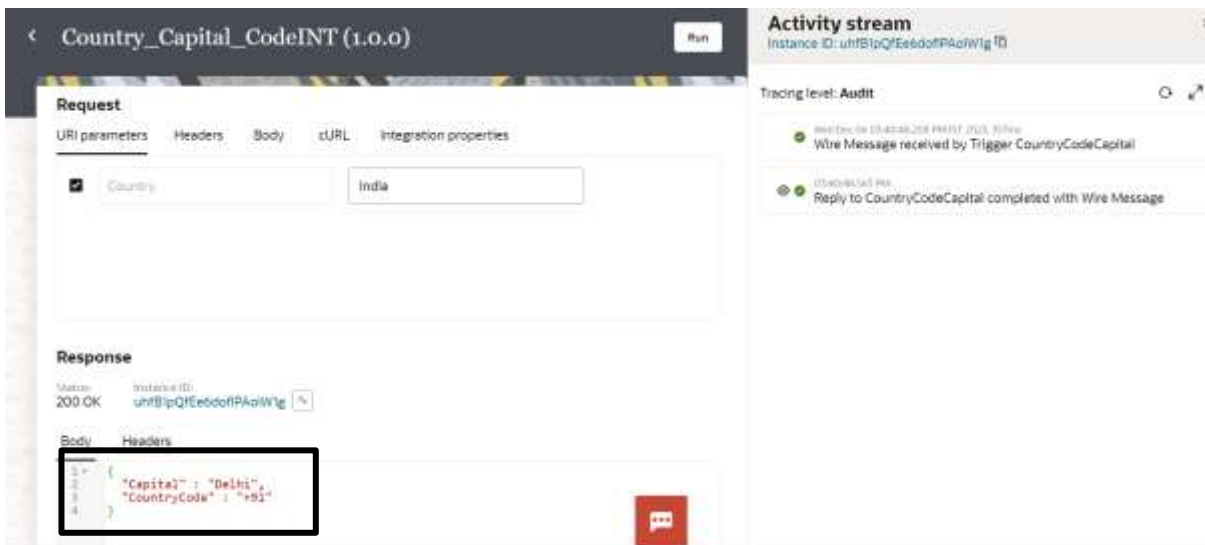
STEP 56: The test page dialog box will open provide the value for the 'Username' Query parameter and click on Run



STEP 57: Provide any value like “India” as shown in below image and click on Run



STEP 58: You can see the result with Status and instance ID





TGH

Making Integrations Simpler

TGH Software Solutions Pvt. Ltd.

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At TGH, we specialize in driving digital transformation through seamless Integration Technologies.

Operating as an INTEGRATION FACTORY, we serve as a one-stop shop for all your integration needs. Our expert team is well-versed in enterprise software and legacy system integration, along with leading iPaaS technologies like Boomi, MuleSoft, Workato, OIC, and more.

We're committed to enhancing business processes and solving problems through our integration expertise.



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