Issue:

In CI9 AN Adapter version, the output cXML message generated after the second step of PI mapping (**MM_Custom_ORDERS_ORDERS05_2_CDF_cXML_XSD**) in the Purchase Order scenario for Ariba Network Adapter, the extrinsic node at Path:

"/ns0:Messages/ns0:Message1/cXML/Request/OrderRequest/ItemOut/BlanketItemDetail/Extrinsic" is not taking values from the source node when mapped using one-to-one mapping.

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Cause:

A User defined java function "setParentNode" is missing in the mapping and this needs to be used to map this node instead of one-to-one mapping to pass the value to the parent node . A user-defined java function with a logic to set the Parent node with value when used in the mapping of the Extrinsic node will solve the issue. This function is used in Cl8 version of the AN Adapter Custom Mapping and is missing from the Cl9 Custom Mapping.

Resolution:

Please follow the below steps for the resolution of this mapping issue in CI9 Ariba adapter version.

 Create a user-defined function in the custom mapping "MM_Custom_ORDERS_ORDERS05_2_CDF_cXML_XSD" which is under the namespace <u>http://ariba.com/xi/ASN/PurchaseOrder</u> under the Software Component Version ARIBA_NETWORK_ADAPTER CI9 of ariba.com

a. Go to the Functions Tab, add a new Function named "setParentNode" in the Functions Area as shown below

Namespace http://ariba.com/xi/ASN/PurchaseOrder								
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Class NameMM_Custom_ORDERS_ORDERS05_2 Package Name com.sap.xi.tf								
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com.sap.aii.mappingtool.tf7.rt.*								
iava.io.*								

Set the Title accordingly and the Execution Type as "Single Values"

b. Signature Variables: This function contains one input argument of type String, name it as "input" as shown below

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c. Add the logic to return the value to the parent node container as shown below

AN Extrinsic mapping issue – POCreate Scenario | Kavuri, Soundarya Lahari

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- d. Save the Message mapping and activate it
- Adding the mapping logic to use the user-defined function in the mapping of /ns0:Messages/ns0:Message1/cXML/Request/OrderRequest/ItemOut/BlanketItemDetail/Extrins ic node in Message mapping editor
 - a. Navigate to the path

/ns0:Messages/ns0:Message1/cXML/Request/OrderRequest/ItemOut/BlanketItemDetail/Ex trinsic in the output mapping as shown below

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b. Switch to edit mode, and click on the User-defined function from the drop down of the functions menu as shown below

You should now be able to see the newly created function "setParentNode" for your use in the mapping



d. Save the mapping and activate it

Successful Test of mapping with a sample payload:

 After the above change, test the mapping with a sample payload with values in the "Extrinsic" node and you can now see that the target node is picking up the values from the source node as expected

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Note: Alternatively, you can refer to the same custom mapping of CI8 AN Adapter version which has this user-defined mapping in place for this scenario. The steps of how to add this user-defined function in CI9 Version for this mapping are explained above in detail.

The screenshot of the CI8 Version mapping of the same scenario is shown below for your reference

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