



Feature at a Glance

Buyer and supplier APIs for change requests and responses (CSC-30492)

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PUBLIC

Introducing: **Order Change Request APIs**

Customer Challenge

Currently it is not possible for buyers and direct suppliers to connect to AN via B2B and retrieve the change request relevant information or for the suppliers to post change request response.

This would enable direct suppliers to connect to AN via B2B.

Experience Key Benefits

This would enable direct suppliers to connect to AN via B2B and provide an additional option for the buyers to connect to AN via B2B.

Audience:

- Buyers and Suppliers

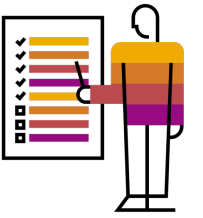
Enablement Model:

- Customer Configured

Applicable Solutions:

- SAP Ariba Supply Chain Collaboration

Prerequisites, Restrictions



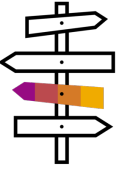
Prerequisites

- To create an application and request access to use the SAP Ariba APIs relevant to this feature, you must have access to the SAP Ariba developer portal.
- SAP Ariba Supply Chain Collaboration entitlement needs to be enabled to use the capability.
- All queries made to this API must be authenticated using OAuth authentication.
- For buyers - You must configure the API client ID in Ariba Network for buyers.

Restrictions

- Use of SAP Ariba APIs for suppliers using the SAP Ariba developer portal is restricted to Ariba Network suppliers with Enterprise accounts. Access to the SAP Ariba developer portal is restricted for all other Ariba Network supplier account types. For example, Standard Account suppliers cannot access the SAP Ariba developer portal.
- The APIs for buyers can retrieve data only for suppliers in a relationship with you.
- The APIs for suppliers can retrieve and send data only for buyers in a relationship with you.
- These APIs do not support retrieving or sending data from change requests for scheduling agreements or scheduling agreement releases.

User Story



The buyers and suppliers are collaborating using purchase orders. With changing customer demand, material planner(buyer) has to react on hundreds of needed changes for existing purchase orders daily. The planner/buyer has to share the purchase order change proposals (only quantity and date changes) as order change request with the supplier based on the results of buyers MRP or other planning runs and allow supplier to provide feedback before receiving changes for purchase orders.

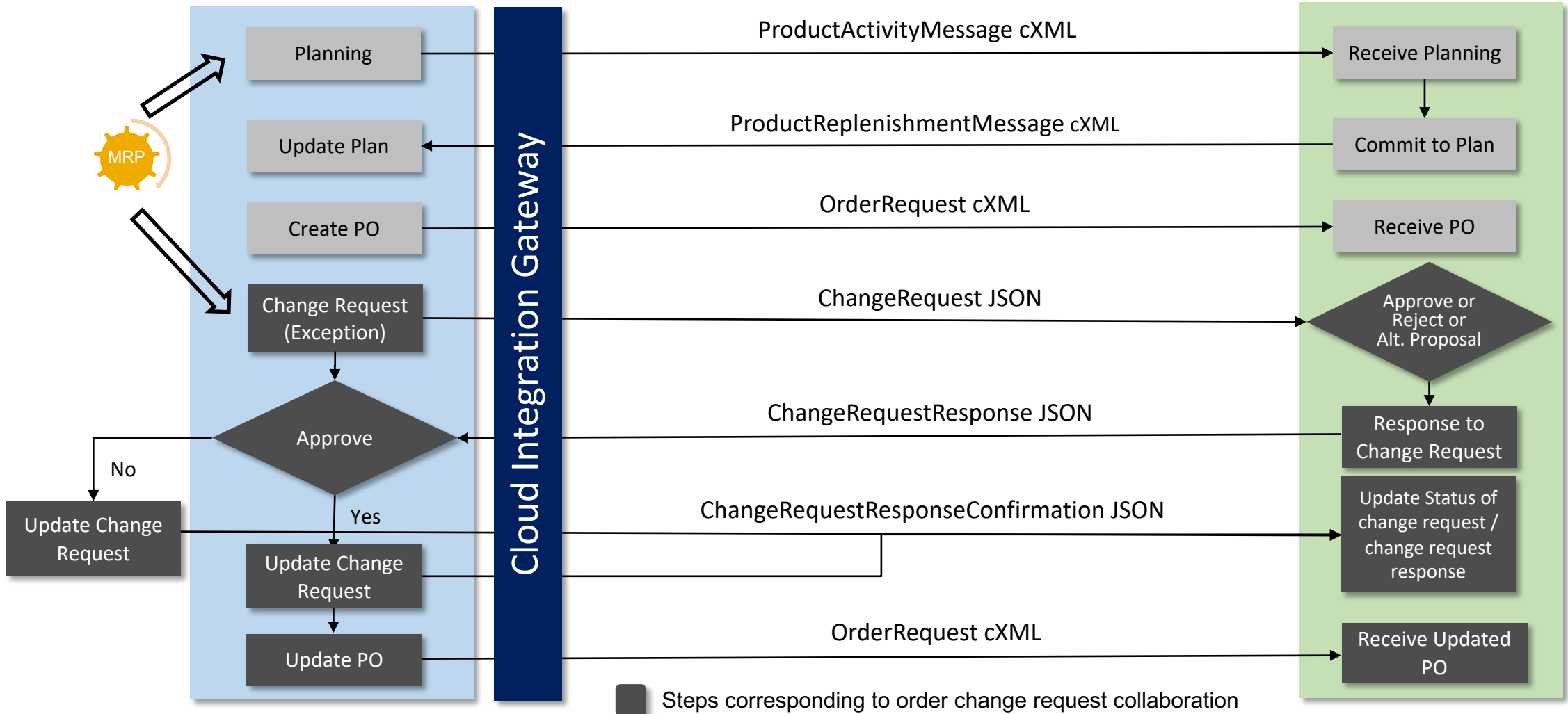
Supplier responds back to the order change request sent by buyer by

- Accepting the changes proposed to the PO.
- Rejecting the changes proposed to the PO.
- Providing alternate proposal based on the changes proposed to the PO.

Order Change Request Collaboration Flow

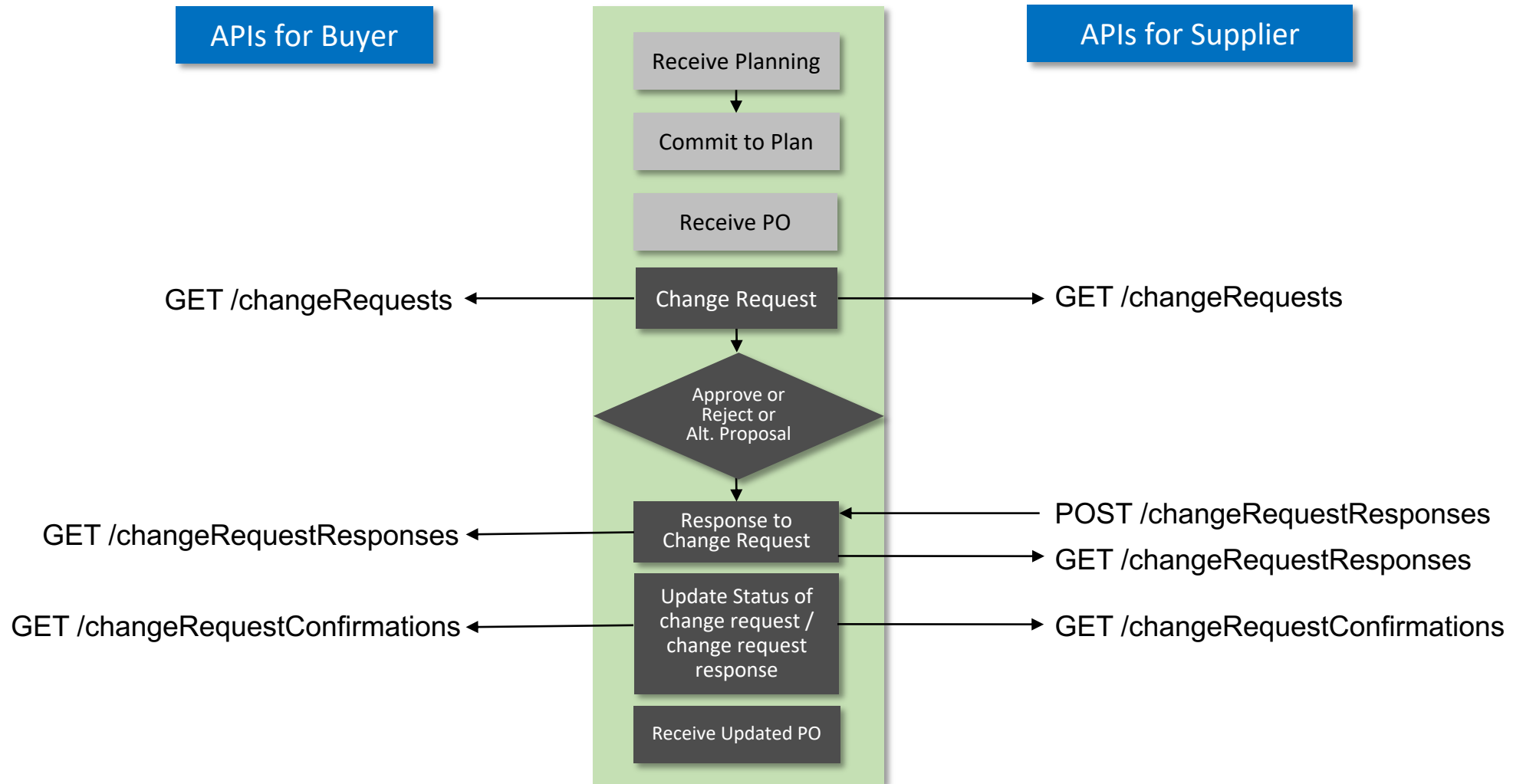
SAP ERP

SAP Business Network

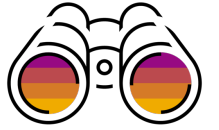


Order Change Request Collaboration Flow with APIs

SAP Business Network



Steps corresponding to order change request collaboration



Feature Details

Open APIs for Buyers

The Order Change Requests API for Buyers enables buyers to request relevant information from Ariba Network for purchase-order change requests.

This API uses the following endpoints:

GET /changeRequests

- This endpoint retrieves information from change requests sent to a specified supplier.

GET /changeRequestResponses

- This endpoint retrieves information from responses to change requests that were sent by a specified supplier.

GET /changeRequestConfirmations

- This endpoint retrieves information from confirmations to change requests that were sent by a specified buyer.



Feature Details

Open APIs for Suppliers

The Order Change Requests API for Suppliers enables you to request relevant information from Ariba Network and post change request responses for purchase-order change requests.

This API includes the following endpoints:

GET /changeRequests

- The /changeRequests endpoint retrieves information from change requests sent by a specified buyer.

GET /changeRequestResponses

- The /changeRequestResponses endpoint retrieves information from responses to change requests that were sent to a specified buyer.

GET /changeRequestConfirmations

- The /changeRequestConfirmations endpoint retrieves information from confirmations to change requests that were sent to a specified supplier.

POST /changeRequestResponses

- The /changeRequestResponses endpoint sends information from responses to change requests that were sent to a specified buyer.

Glossary

API – Application Programming Interface

CR – Change Request

CRR – Change Request Response

CRC – Change Request Confirmation

PO – Purchase order

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