SAP CPQ Integration with SAP S/4HANA - Change Log

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Release 1.3

Date: 29-Oct-2026

Artifact: Replicate Sales Order Confirmation from SAP Business Suite

Version: 1.0.1

Description: Design Guidelines update

Date: 23-Dec-2022

Artifact: Create Sales Quote Follow Up Document in SAP Business Suite

Version: 1.2.1

Description: Changed value mapping target agency when mapping E1BPCOND node in message mapping

Release 1.2

Date: 24-May-2022

Artifact: Create Sales Quote Follow Up Document in SAP Business Suite

Version: 1.2.0

Description:

Fixed issues with quotes that have N+1 configurations.

Fixed mappings for the characteristics and characteristic values that were wrongly combined.

Uploaded extended schema to support sending Variant Conditions in Key/Value Pairs.

Changes on the mapping CPQ_S4H_QuoteFollowupBusinessTransactionDocumentReq

- Mapping added for the node INT_NUMBER_ASSIGNEMENT.
- Mapping added for the node E1BPSDITM1.
- Mapping added for the node E1BPSDITM/E1BPSDITM1/CONFIG_ID. The node is populated with parentRolledUpQuoteItemId for subitems, where for root items is sent as empty.
- Mapping added for the node E1BPSDITM/ E1BPSDITM1/INST_ID. The node is populated with the value from the E1BPSDITM/PO_ITM_NO.
- Mapping corrected for the node E1BPSDITM/PO_ITEM_NO for root items which are now mapped with RolledUpQuoteItem.
- Functions getConfigIdFromparentRolledUpQuoteItemId and getInstIdFromCpsItemId added to the script.
- Function createItemNumber is updated to allow more than 10 BOM items.
- Mapping corrected for the E1BPCOND[2]/SEGMENT. It has value 1 now so not only Discount Amount from Additional Discount is sent, but Discount Percent as well.

Changes on the mapping MapConfiguration2OrderRequest

- Mapping added for the node INT_NUMBER_ASSIGNEMENT.

- Mapping corrected for the nodes E1PBCUINS[0..4] context is changed.
- Mapping corrected for the nodes E1BPCUINS[1..4] -> CONFIG_ID.
- Mapping corrected for the nodes E1PBCUINS[1..4]/CONFIG_ID, E1PBCUINS[1..4]/INST_ID, E1PBCUINS[1..4]/COMPLETE, E1PBCUINS[1..4]/CONSISTENT, RemoveContext and/or SplitByValue are added and context is corrected.
- Mapping corrected for the nodes E1BPCUREF[]/POSEX, E1BPCUREF[]/ CONFIG_ID, E1BPCUREF[]/ INST_ID and E1BPCUREF[2..4]/POSEX, E1BPCUREF[2..4]/ CONFIG_ID, E1BPCUREF[2..4]/ INST_ID. Added RemoveContext and SplitByValue and context is corrected.
- Mapping corrected for the nodes E1BPCUPRT[0..3]. The context and source are corrected.
- Mapping corrected for the nodes E1BPCUPRT[0..3]/CONFIG_ID. Added RemoveContext and SplitByValue. The context and source is corrected. Nodes E1BPCUPRT[1] and E1BPCUPRT[3] were previously mapped to the wrong subitem.
- Mapping corrected for the nodes E1BPCUPRT[0..3]/INST_ID, E1BPCUPRT[0..3]/PART_OF_NO and E1BPCUPRT[0..3]/AUTHOR. Added RemoveContext and SplitByValue. The context is corrected.
- Mapping corrected for the node E1BPCUPRT[]/PARENT_ID. Added RemoveContext and SplitByValue.
- Mapping corrected for the nodes E1BPCUPRT[1..3]/PARENT_ID. Added MapWithDefault and Added RemoveContext.
- Mapping corrected for the node E1BPCUPRT[]/SALES_RELEVANT. Added RemoveContext and SplitByValue. The context is corrected.
- Mapping corrected for the node E1BPCUPRT[1]/SALES_RELEVANT. Added default value in FixValues. Added RemoveContext and SplitByValue. The context is corrected.
- Mapping corrected for the nodes E1BPCUPRT[2..3]/SALES_RELEVANT. Added key/value pair in FixValues for True. Added RemoveContext and SplitByValue. The context is corrected.
- Mapping corrected for the nodes. E1BPCUPRT[2]/OBJ_TYPE,E1BPCUPRT[2],CLASS_TYPE, E1BPCUPRT[2],OBJ_KEY. Mapped with relevant nodes from bomPositionObjectKey instead of ObjectKey as before.
- Mapping corrected for the node E1BPCUVAL[0]/CHARC. Added MapWithDefault (empty value) for Char id.
- Mapping corrected for the nodes E1BPCUVAL[1..4]/CONFIG_ID. Added RemoveContext before SplitByValue and context is corrected.
- Mapping corrected for the nodes E1BPCUVAL[1..4]/INST_ID. Added RemoveContext before SplitByValue.
- Mapping corrected for the nodes E1BPCUVAL[1..4]/CHARCA dded MapWithDefault (empty value) for Char id. Added RemoveContext before SplitByValue. Where mapping used wrong subitem it is fixed.
- Mapping added for node E1BPCUVK .. E1BPCUVK[4] to support sending Variant Conditions on all levels, added nodes E1BPCUVK/SEGMENT, E1BPCUVK/CONFIG_ID, E1BPCUVK/INST_ID, E1BPCUVK/KEY, E1BPCUVK/FACTOR.
- Schema for ExternalConfigurations is extended to support separate sending of Variant Condition Key and Variant Condition Factor.

Release 1.1

Note: Minor version for all artifacts has been incremented by 1, to support SAP standard product taxonomy

Date: 07-Jul-2021

Artifact: Value mapping for SAP CPQ Integration with SAP S4HANA

Version: 1.0.1

Description: Added value mapping that maps CPQ Customer Role value into corresponding PARTN_ROLE value

Date: 07-Jul-2021

Artifact: Create Sales Quote Follow Up Document in SAP Business Suite

Version: 1.1.4

Description: Included value mapping in message mapping for PARTN_ROLE fields, one for BILLTO customer role and one for SHIPTO role.

Date: 10-Dec-2020

Artifact: Create Sales Quote Follow Up Document in SAP Business Suite

Version: 1.1.3

Description: Fixed issue with configuration mapping to IDOC

Date: 10-Dec-2020

Artifact: Replicate Material from SAP Business Suite

Version: 1.0.3

Description: Fixed issue for Product Category Value mapping

Date: 10-Dec-2020

Artifact: Replicate Business Partner from SAP Business Suite

Version: 1.1.1

Description: Fixed an issue with externalization of certificate-based authentication for sender channel.

Date: 20-Nov-2019

Artifact: Create Sales Quote Follow Up Document in SAP Business Suite

Version: 1.1.2
Description: Added external parameter for Sales Document type

Artifact: Replicate Business Partner from SAP Business Suite
Version: 1.1.0

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Description: Enabled extensibility support in integration flow
Artifact: Replicate Price Condition from SAP Business Suite
Version: 1.1.0
Description: Enabled extensibility support in integration flow
Date: 11 July 2019
Artifact: Create Sales Quote Follow Up Document in SAP Business Suite
Version: 1.1.1
Description: Enabled extensibility support in integration flow
Artifact: Replicate Material from SAP Business Suite
Version: 1.0.1
Description: Enabled extensibility support in integration flow