

# SAP CPQ - Quote 2.0 Integration with SAP Billing and Revenue Innovation Management – Change log

## Contents

### Release 2605

**Date:** 15-May-2026

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.16

**Description:**

Following changes were made:

- In Message Mapping we use built-in function getProperty(initially it wasn't exist) instead of custom one we added when this iflow was developed

### Release 2511

**Date:** 10-Dec-2025

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.7

**Description:**

Following changes were made:

- Added value mapping:  
S4, GenItemCatGroup -> CPQ, ItemCategoryType  
With following value:  
ABCD -> Bundle, UsagePricing

**Date:** 28-Oct-2025

**Artifact:** New Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 1.1.0

**Description:**

Following changes were made:

- Usages Based Pricing feature.
- Added external parameter "Send Tiered Pricing Related Properties" to control whether tiered pricing properties are sent to S4. The parameter ensures backward compatibility with S4 versions that do not support tiered pricing. Default value: true.

**Date:** 28-Oct-2025

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.1.0

**Description:**

Following changes were made:

- Usages Based Pricing feature.
- Added external parameter “Send Tiered Pricing Related Properties” to control whether tiered pricing properties are sent to S4. The parameter ensures backward compatibility with S4 versions that do not support tiered pricing. Default value: true.

**Date:** 28-Oct-2025

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue

## Innovation Management

**Version:** 1.0.4

**Description:**

Following changes were made:

- Filter Change Process having "Change Technical Recourse".

**Date:** 28-Oct-2025

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.4

**Description:**

Following changes were made:

- Filter Change Process Groups having "Change Technical Recourse".

**Date:** 28-Oct-2025

**Artifact:** Replicate Subscription Product Specific CCM Data from SAP S4HANA to SAP CPQ

**Version:** 1.0.0

**Description:**

Following changes were made:

- New iflow for Usages Based Pricing feature.

**Date:** 28-Oct-2025

**Artifact:** Replicate and Sync SAP CC Tables into SAP CPQ

**Version:** 1.0.0

**Description:**

Following changes were made:

- New iflow for Usages Based Pricing feature.

**Date:** 28-Oct-2025

**Artifact:** Replicate and Sync SAP CC Agreement or Subscriber Tables into SAP CPQ

**Version:** 1.0.0

**Description:**

Following changes were made:

- New iflow for Usages Based Pricing feature.

## Release 2508

**Date:** 10-Jul-2025

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.15

**Description:**

Following changes were made:

- Added Name2, Name3, and Name 4 fields.
- New authentication type 'Client Credentials' added to authenticate CPQ API call. There is a new externalize parameter "CPQ Grant Type" to set authentication type. Possible values "password", "client\_credentials" The default value is 'password'. This new externalize parameter works with "CPQ\_AuthenticationType" when the value is "None".

**Date:** 10-Jul-2025

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.3

**Description:**

Following changes were made:

- New authentication type 'Client Credentials' added to authenticate CPQ API call. There is a new externalize parameter "CPQ Grant Type" to set authentication type. Possible values "password", "client\_credentials" The default value is 'password'. This new externalize parameter works with "CPQ\_AuthenticationType" when the value is "None".

**Date:** 10-Jul-2025

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.14

**Description:**

Following changes were made:

- New authentication type 'Client Credentials' added to authenticate CPQ API

call. There is a new externalize parameter "CPQ Grant Type" to set authentication type. Possible values "password", "client\_credentials" The default value is 'password'. This new externalize parameter works with "CPQ\_AuthenticationType" when the value is "None".

**Date:** 10-Jul-2025

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.23

**Description:**

Following changes were made:

- New authentication type 'Client Credentials' added to authenticate CPQ API call. There is a new externalize parameter "CPQ Grant Type" to set authentication type. Possible values "password", "client\_credentials" The default value is 'password'. This new externalize parameter works with "CPQ\_AuthenticationType" when the value is "None".
- Added ItemType filter to Quote item and Quote item count API call.
- Externalize Sender AMQP processing Retry Details.

**Date:** 10-Jul-2025

**Artifact:** New Replicate Quote 2.0 from SAP CPQ to SAP S/4HANA

**Version:** 1.0.0

**Description:**

Following changes were made:

- In the existing iFlow, Replicate Quote 2.0 from SAP CPQ to SAP S/4HANA, customers are experiencing an issue with the position of the Call Extension node, which results in the removal of any new custom nodes added by the customer. To resolve this issue, this new iFlow, has been created with the corrected position of the Call Extension node.

**Date:** 10-Jul-2025

**Artifact:** Replicate Business Partner Relationships from SAP Master Data Integration

**Version:** 1.0.3

**Description:**

Following changes were made:

- New authentication type 'Client Credentials' added to authenticate CPQ API call. There is a new externalize parameter "CPQ Grant Type" to set authentication type. Possible values "password", "client\_credentials" The default value is 'password'. This new externalize parameter works with "CPQ Authentication Type" when the value is "None".

## Release 2501

**Date:** 15-Jan-2025

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.22

**Description:**

Following changes were made:

- Setting the data type of p\_Quote\_Item to 'java.lang.String'.

**Date:** 30-December-2024

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.21

**Description:**

Following changes were made:

- Set Selected attribute value format to YYYYMMDD where ValueDataType is date.

**Date:** 30-December-2024

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.14

**Description:**

Following changes were made:

- Externalized Timeout parameter.

**Date:** 30-December-2024

**Artifact:** Replicate Business Partner Relationships from SAP Master Data Integration

**Version:** 1.0.2

**Description:**

Following changes were made:

- Externalized Timeout parameter.

## Release 2411

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**Date:** 29-October-2024

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.20

**Description:**

Following changes were made:

- Updated the Quote iFlow to replicate tiered pricing from CPQ Quotes to S/4 Solution Quotations subscription contract documents. Added a "Condition Record Batch Size" variable to control the number of condition records created per batch during replication to the S/4 condition technique table.

**Date:** 29-October-2024

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.13

**Description:**

Following changes were made:

- Added data type to BP\_SplitedWithId property

**Date:** 29-October-2024

**Artifact:** Replicate Business Partner Relationships from SAP Master Data Integration

**Version:** 1.0.1

**Description:**

Following changes were made:

- Added mapping for default relationship

## Release 2408

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**Date:** 13-August-2024

**Artifact:** Replicate Business Partner Relationships from SAP Master Data Integration

**Version:** 1.0.0

**Description:**

Following changes were made:

- Newly added iFlow

## Release 2405

**Date:** 30-April-2024

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.13

**Description:**

Following changes were made:

- Added support for multi-level bundle products.
  - Added support for unit of measure.
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**Date:** 30-April-2024

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.19

**Description:**

Following changes were made:

- Added support for multi-level bundle and non-bundle products.
- 

**Date:** 30-April-2024

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.6

**Description:**

Following changes were made:

- Added support for multi-level bundle products.

## Release 2311

**Date:** 27-Sep-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.12

**Description:**

Following changes were made:

- Schema update regarding productName language.
-

**Date:** 27-Sep-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.18

**Description:**

Following changes were made:

- Product Description change with only product Name.
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**Date:** 23-Aug-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.17

**Description:**

The following changes were made:

- Updated iFlow for new feature "Co-Term"
  - Updated iFlow for a bug when Quote replication is failing when Product is have long text more than 40 characters
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## Release 2308

Version 2.0.15 and 2.0.16 is skipped because of intermediate changes.

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## Release 2306

**Date:** 19-June-2023

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**Date:** 19-June-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.14

**Description:**

Following changes were made:

- Updated iFlow for potential bug fix to filter active pricing condition.
-

**Date:** 22-May-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.13

**Description:**

Following changes were made:

- Updated iFlow to filter active pricing conditions from Get Quote Items and ONLY send active pricing conditions to S/4.
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## Release 2305

**Date:** 08-May-2023

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**Date:** 08-May-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.12

**Description:**

Following changes were made:

- Initialized property to store item payload which is being passed to Post Exit subprocess.
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## Release 2304

**Date:** 03-Apr-2023

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**Date:** 03-Apr-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.11

**Description:**

Following changes were made:

- Implemented changes to support flexibility - Solution Quotation create only or create + accept.

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## Release 2303-2

**Date:** 30-Mar-2023

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**Date:** 30-Mar-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.11

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for S4 to CPI communication.

**Date:** 30-Mar-2023

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.11

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for S4 to CPI communication.

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**Date:** 30-Mar-2023

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.2

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
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## Release 2303

**Date:** 16-Mar-2023

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**Date:** 16-Mar-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.10

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
  - Support for SAP CPQ old (with domain) and new host (without domain) name URL changes.
- 

**Date:** 16-Mar-2023

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.10

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
  - Support for SAP CPQ old (with domain) and new host (without domain) name URL changes.
- 

**Date:** 16-Mar-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.10

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
  - Support for SAP CPQ old (with domain) and new host (without domain) name URL changes.
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## Release 2302

**Date:** 20-Feb-2023

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**Date:** 20-Feb-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.6

**Description:**

Following changes were made:

- Updated artifact name & desc as per
- Added support for multiple partner replication

## Release 2208

**Date:** 28-July-2022

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**Date:** 28-July-2022

**Artifact:** Read allowed Change Process Groups for Subscription Contract Item from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2

**Description:**

Following changes were made:

- preset User Role: ESBMessaging.send
- - Rename Sender to CPQ - - Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2

**Description:**

Following changes were made:

- Preset User Role: ESBMessaging.send
- Rename Sender to CPQ
- Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2

**Description:**

Following changes were made:

- Preset User Role: ESBMessaging.send
- Rename Sender to CPQ
- Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Read Subscription contract header from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2

**Description:**

Following changes were made:

- Preset User Role: ESBMessaging.send
- Rename Sender to CPQ
- Rename Receiver to S4HANA
- Rename param Subscription\_Contract\_API\_UR -> Subscription Contract API URL

**Date:** 28-July-2022

**Artifact:** Read Subscription contract items from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2

**Description:**

Following changes were made:

- Preset User Role: ESBMessaging.send
- Rename Sender to CPQ
- Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.3

**Description:**

Following changes were made:

- Set empty Address by default for Sender.

**Date:** 28-July-2022

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.1

**Description:**

Following changes were made:

- Remove default value from Receiver Credential Name (CPQ)
- Set default value for Extensions on false
- Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.4

**Description:**

Following changes were made:

- Preset User Role: ESBMessaging.send
- Preset Allow chunking to true
- Set default value for Extensions on false
- Set Logging value to false by default

**Date:** 28-July-2022

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 4.0.2

**Description:**

Following changes were made:

- Remove default values for AMQP adapter properties (Sender)
- Remove default values for AMQP adapter properties (RetryReceiver)
- Added mapping for PersonResponsible
- Credential Name for CPQ receiver should be empty
- On "More" tab, remove default values for fieldsS4\_Division, S4\_VariantCondition, Sap\_Client\_Value

**Date:** 28-July-2022

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.5

**Description:**

Following changes were made:

- SAP CPQ(UnitOfMeasure)->S4HANA(QuantityUnit)

[Release 2205](#)

**Date:** 27-May-2022

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**Date:** 27-May-2022

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 4.0.1

**Description:**

Following changes were made:

- Changed message mappings for items configuration in both create and update branch.
- Fixed error in Increase ContentId Counter step
- Added value mapping for ConditionCurrency field in message mapping for items.

**Date:** 14-Mar-2022

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.4

**Description:**

Following changes were made:

- SAP CPQ(ConditionCurrency)-> S4HANA (ConditionCurrency)

## Release 2202

**Date:** 14-Mar-2022

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**Date:** 14-Mar-2022

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 4.0.0

**Description:**

Following changes were made:

- Implemented support to Update S4 Quote
- Added exception handling and auto-retry mechanism using Event- Mesh
- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.3

**Description:**

Following changes were made:

- Removed default values for externalized parameters

**Date:** 14-Mar-2022

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.0

**Description:**

Following changes were made:

- Added exception handling and auto-retry mechanism using Event- Mesh
- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.3

**Description:**

Following changes were made:

- Added value mappings
  - SAP CPQ(OrderItemType)-> S4HANA (QuotationItemOrderItemType)

**Date:** 14-Mar-2022

**Artifact:** Read allowed Change Process Groups for Subscription Contract Item from SAP Billing and Revenue InnovationManagement

**Version:** 1.0.1

**Description:**

Following changes were made:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1

**Description:**

Following changes were made:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1

**Description:**

Following changes were made:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Subscription contract header from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1

**Description:**

Following changes were made:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Subscriptioncontract items from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1

**Description:**

Following changes were made:

- Externalized LocationID parameter

[Release 2111](#)

**Date:** 13-Nov-2021

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**Date:** 13-Nov-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 3.0.0

**Description:**

Following changes were made:

- Added support for creating Solution Quotation with Service Contract items.
- Added fields in SAP CPQ XSD Schema to support contract changes (ChangeProcessGroupCode, SubscriptionContractNumber, SubscriptionContractItemNumber) alongwith the appropriate message mappings
- Added fields in SAP CPQ XSD Schema to support auto renewals (ContractAutoRenewalIndicator, ContractExtensionPeriodValue, ContractExtensionPeriodUnit) along with the appropriate message mappings
- Changed sender and inbound adapter. Communication goes over SAP Event Mesh using AMPQ adapter
- Extractedsubprocesses
  - *Check if Quote exists in S4,*
  - *Create S4 Quote,*
  - *Update S4 Quote(will be supported in next release)*

**Date:** 13-Nov-2021

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.2

**Description:**

Following changes were made:

- Included OrderItemType, IsSyncedFromBackOffice and ContractAutoRenewalIndicator fields in SAP CPQXSD schema and removed IsSubscription.
- Added mappings for OrderItemType according to ProductTypeCode and ItemCategoryGroupCode

**Date:** 13-Nov-2021

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.2

**Description:**

Following changes were made:

- Added value mappings
  - S4HANA(ProductTypeCode)->SAP CPQ(OrderItemType)
  - S4HANA(ProductTypeCode\_ItemCategoryGroupCode)->OrderItemType)

**Date:** 13-Nov-2021

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 1.0.0

**Description:**

Following changes were made:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read allowed Change Process Groups for Subscription Contract Item from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0

**Description:**

Following changes were made:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0

**Description:**

Following changes were made:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0

**Description:**

Following changes were made:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Subscription contract header from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0

**Description:**

Following changes were made:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Subscriptioncontract items from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0

**Description:**

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Following changes were made:

- Newly added iFlow

## Release 2105

**Date:** 01-Jun-2021

**Date:** 08-Jun-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.1

**Description:**

Following changes were made:

- Connection configuration details towards the receivers 'CPQ\_ErrorMessage\_OrderFailed', 'CPQ\_Message\_OrderPlaced' have been adjusted.
  - Removed integration guide in a form of file as official link to SAP Help page for this integration has been added.
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**Date:** 09-Jun-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.2

**Description:**

Following changes were made:

- Fixed error for 'Same channel name cannot be specified for a system having multiple interfaces' on process CPQ\_ErrorMessage\_OrderFailed
- Description adjusted.

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.1

**Description:**

Following changes were made:

- Description adjusted.

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.1

**Description:**

Following changes were made:

- Description adjusted.

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.1

**Description:**

Following changes were made:

- Description adjusted.
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**Date:** 01-Jul-2021

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.2

**Description:**

Following changes were made:

- SOAPconnection details areparametrized.
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**Date:** 28-Sep-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.3

**Description:**

Following changes were made:

- Mapping fixed for author field.
  - Exception handling insub-processes.
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