



Integration Guide | PUBLIC

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# Defining Default Values for Data Integration Between SAP Integrated Business Planning and SAP S/4HANA Cloud

## Integrating SAP IBP for Supply Chain 2402 with SAP S/4HANA Cloud Using SAP Cloud Integration

# Content

- 1 Introduction. . . . . 4**
- 2 Configuring the Integration Flow. . . . . 5**
  - 2.1 Defining Parameters. . . . . 5
- 3 Use of Predefined Values in Other Integration Flows. . . . . 7**

# Document History

The following table provides an overview of the most important changes.

| Version | Date              | Description   |
|---------|-------------------|---|
| 1.1     | May 15, 2024      | Updated table in <a href="#">Use of Predefined Values in Other Integration Flows [page 7]</a> and <a href="#">Defining Parameters [page 5]</a> section. |
| 1.0     | February 16, 2024 | Initial version   |

# 1 Introduction

Using the integration flow, you can integrate data from SAP S/4HANA Cloud, as part of the solution SAP S/4HANA Cloud Public Edition to SAP Integrated Business Planning for Supply Chain (SAP IBP). Using this data, you can perform demand forecasting in SAP IBP, then integrate the results back to SAP S/4HANA Cloud as planned independent requirements.

Data integration between SAP IBP and SAP S/4HANA Cloud using the integration flows in the *SAP IBP - Integration with SAP S/4HANA Cloud* package is available with SAP IBP 2402 and higher.

The *Define Default Values for Data Integration Between SAP IBP and SAP S/4HANA Cloud* integration flow allows you to define the values of various parameters that are then used in multiple other integration flows within the *SAP IBP - Integration with SAP S/4HANA Cloud* package. That way, you can ensure consistency and make configuration more effective.

Values you define in the *Define Default Values for Data Integration Between SAP IBP and SAP S/4HANA Cloud* integration flow are used as the default values of the parameters in other integration flows, which you can overwrite, if necessary.

## 2 Configuring the Integration Flow

### 2.1 Defining Parameters

Under **Configure** > **More**, you can find the following parameters that you can use to configure the integration flow:

| Parameter Name                        | Default Value  | How to Configure the Parameter?  |
|---------------------------------------|--|--|
| Customer Filter                       |  | Optionally, define filtering for customer data.  |
| Datastore ID for Product Plant Filter | ProductPlantFilter   | Define the datastore to be used for further filtering data. This filtering ensures that only existing product plant combinations are integrated.   |
| Destination for SAP IBP               |  | Enter the name of the SAP IBP system to which product data is transferred.   |
| Dummy Customer ID                     | DUMMY  | Define a dummy customer instead of an existing one.  |
| Escaped Quotes                        | The following characters are listed as the default value: <ul style="list-style-type: none"><li>• Minus sign with comma above (U+2A29)</li><li>• Box drawings up double and horizontal single (U+2568)</li><li>• Smaller than (U+2AAA)</li><li>• Larger than (U+2AAB)</li><li>• Leftwards arrow with hook (U+21A9)</li><li>• Downwards arrow with tip leftwards (U+21B2)</li></ul> | Define a special character replacement pattern. In the row, each odd place is replaced with the upcoming even parameter, for example, in the case of AB, A would be replaced with B.<br><b>Note</b><br>You do not need to change the default value of the parameter. |
| Host for SAP S/4HANA Cloud            |  | Define the base URL of the SAP S/4HANA Cloud API   |

| Parameter Name                | Default Value       | How to Configure the Parameter?   |
|-------------------------------|---------------------|---|
| Master Data Prefix            |                     | Optionally, define a three-character long prefix to be used in SAP IBP.   |
| Planning Area                 |                     | Define the planning area in SAP IBP to which you want data to be integrated.  |
| Planning Area Version         |                     | Define the version of the target planning area in SAP IBP.  |
| Plant Filter                  | 0000,0001-9998,9999 | Optionally, define filtering for plant data.  |
| Process Unchanged Data        |                     | <p>If you want to skip unchanged data, regardless of SAP IBP global parameter setting for this behavior, set this parameter to <b>false</b>.</p> <p>If you want to process unchanged data, regardless of SAP IBP global parameter setting, set this parameter to <b>true</b>.</p> <p>If you leave this parameter field empty, SAP IBP global parameter will determine the behavior.</p> |
| Product Filter                |                     | Optionally, define filtering for product data.  |
| Unified Base Unit             | 1BU                 | Define the base unit of measure.  |
| Unified Base Unit Description | Unified Base Unit   | Enter the description of the base unit of measure.  |

### 3 Use of Predefined Values in Other Integration Flows

The parameter values that you define in the *Define Default Values for Data Integration Between SAP IBP and SAP S/4HANA Cloud* integration flow are reused in other integration flows within the *SAP IBP - Integration with SAP S/4HANA Cloud* package for the integration of different data types in the following way:

The use of parameters in the integration of different data types

| Parameter                             | Used for Products | Used for Planned Independent Requirements | Used for Sales Order History | Used for Business Partners | Used for Plants |
|---------------------------------------|-------------------|---|------------------------------|----------------------------|-----------------|
| Customer Filter                       | -                 | -   | Yes                          | Yes                        | -               |
| Datastore ID for Product Plant Filter | Yes               | -   | Yes                          | -                          | -               |
| Destination for SAP IBP               | Yes               | Yes                                       | Yes                          | Yes                        | Yes             |
| Dummy Customer ID                     | -                 | -   | Yes                          | Yes                        | -               |
| Escaped Quotes                        | Yes               | Yes                                       | Yes                          | Yes                        | Yes             |
| Host for SAP S/4HANA Cloud            | Yes               | Yes                                       | Yes                          | Yes                        | Yes             |
| Master Data Prefix                    | Yes               | -   | -                            | Yes                        | Yes             |
| Planning Area                         | Yes               | Yes                                       | Yes                          | Yes                        | Yes             |
| Planning Area Version                 | Yes               | Yes                                       | Yes                          | Yes                        | Yes             |
| Plant Filter                          | Yes               | -   | -                            | -                          | Yes             |
| Process Unchanged Data                | Yes               | -   | -                            | Yes                        | Yes             |
| Product Filter                        | Yes               | -   | Yes                          | -                          | -               |
| Unified Base Unit                     | Yes               | Yes                                       | -                            | -                          | -               |

| Parameter                           | Used for Products | Used for Planned              |                                   | Used for Business |                 |
|-------------------------------------|-------------------|-------------------------------|-----------------------------------|-------------------|-----------------|
|                                     |                   | Independent Re-<br>quirements | Used for Sales Or-<br>der History | Partners          | Used for Plants |
| Unified<br>Base Unit<br>Description | Yes               | -                             | -                                 | -                 | -               |





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