



Integration Guide | PUBLIC

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

**Integrating SAP IBP 2402 and Higher with SAP S/4HANA Cloud Public Edition
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
1.5		
1.4	February 3, 2025	Updated document with minor refinements.
1.3	November 25, 2024	Updated document version without any content changes.
1.2	June 12, 2024	Updated document version without any content changes.
1.1	May 15, 2024	Updated table in Use of Predefined Values in Other Integration Flows [page 7] and Defining Parameters [page 5] section.
1.0	February 16, 2024	Initial version

1 Introduction

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

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

The *Define Default Values for Data Integration Between SAP IBP and SAP S/4HANA Cloud Public Edition* 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 Public Edition* 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 Public Edition* 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

You can configure your integration flow by setting parameters. In the integration flow editor, click [Configure > More](#) and assign values for the parameter names to set up your integration flow. If you call the integration flow using Process Direct, use the parameter ID.

Parameter Name	Parameter ID	Default Value	How to Configure the Parameter?
Customer Filter	CustomerFilter		Optionally, define filtering for customer data.
Datastore ID for Product Plant Filter	DatastoreIDforProductPlantFilter	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	DestinationforSAPIBP		Enter the name of the SAP IBP system to which product data is transferred.
Dummy Customer ID	DummyCustomerID	DUMMY	Define a dummy customer instead of an existing one.
Escaped Quotes	EscapedQuotes	The following characters are listed as the default value: <ul style="list-style-type: none"> Minus sign with comma above (U+2A29) Box drawings up double and horizontal single (U+2568) Smaller than (U+2AAA) Larger than (U+2AAB) Leftwards arrow with hook (U+21A9) Downwards arrow with tip leftwards (U+21B2) 	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.

Note

You do not need to change the default value of the parameter.

Parameter Name	Parameter ID	Default Value	How to Configure the Parameter?
Host for SAP S/4HANA Cloud Public Edition	HostforSAPS4HANACloud		Define the base URL of the SAP S/4HANA Cloud API
Master Data Prefix	MasterDataPrefix		Optionally, define a three-character long prefix to be used in SAP IBP.
Planning Area	PlanningArea		Define the planning area in SAP IBP to which you want data to be integrated.
Planning Area Version	PlanningAreaVersion		Define the version of the target planning area in SAP IBP.
Plant Filter	PlantFilter	0000,0001-9998,9999	Optionally, define filtering for plant data.
Process Unchanged Data	ProcessUnchangedData		<p>If you want to skip unchanged data, regardless of the SAP IBP global parameter setting for this behavior, set this parameter to false.</p> <p>If you want to process unchanged data, regardless of the SAP IBP global parameter setting, set this parameter to true.</p> <p>If you leave this parameter field empty, the SAP IBP global parameter will determine the behavior.</p>
Product Filter	ProductFilter		Optionally, define filtering for product data.
Unified Base Unit	UnifiedBaseUnit	1BU	Define the base unit of measure.
Unified Base Unit Description	UnifiedBaseUnitDescription	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 Public Edition* integration flow are reused in other integration flows within the *SAP IBP - Integration with SAP S/4HANA Cloud Public Edition* 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 Re- quirements	Used for Sales Or- der 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 Public Edition	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	-	-



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

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