[TEST CASE] Configure ERP ME Integration - Part II (Automatically send data using DRF)

Purpose
Test how to configure ERP ME Integration using DRF.

Overview
This document is to describe how you fulfill the automatic integration between ERP and SAP ME using DRF (Data Replication Framework).

Steps
1. Execute all the steps in [TEST CASE] Configure ERP ME Integration - Part I (Manually send data from ERP).
2. Activate business function LOG_PP_MES_INT_01 and LOG_PP_MES_INT_02 in t-code SFW5.
3. Define business system for data replication framework.
   The customizing path is SPRO -> Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Data Replication -> Define Custom Settings for Data Replication -> Define Technical Settings for Business Systems.

Name Business system by yourself and then enter the “logical system” and “RFC destination” created in Step 1. Select the “Unicode” check.
Select the business system and click "define Bus. Systems, BOs", add new entries to add BO type 467 and 97.

   The customizing path is SPRO -> Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Data Replication -> Define Replication Models.

   Name the replication model by yourself and enter "Log Days" as 1.
Select the replication model and click “Assign outbound Implementation”, add new entries to add outbound implementation 467_1 and 97_1.

Select an outbound implementation and click “Assign Target Systems for Repl. Model / Outb. Impl”, add a new entry to add Business System.
Activate the replication model.

5. Go to customizing path: Production -> Integration with a Manufacturing Execution System -> Maintain Logical System for Distribution of Production Orders. Notice: If you use DRF(Data replication framework), you must not maintain any entries in this IMG activity. If some entries exist, then you have to maintain one entry for your plant as below.

6. Define filter criteria in t-code DRFF. The browser is triggered. Click the "Create" button.
Add a filter criteria, e.g. plant.

**Display Filter Criteria**

**Replication Model**
- Test for ME 15.0

**Business Object**
- Production Order
- Workcenter

**Production Order**
- Preparation via Doc
- Replication via Doc

Filter Criteria to Include Business Objects

- Plant is NG01

Filter Criteria to Exclude Business Objects

Test

1. Send material in t-code BD10. Select header material and all component materials.

The material master is created in ME.
1. NOTICE: BOM and routing are NOT needed to be sent out manually. When Production Order is integrated, BOM and Routing will be created automatically.

2. Create production order in t-code CO01 and check if order status "RDIS" is active. Only order is with status "RDIS", it can be transferred using DRF.

3. Release the order in t-code CO02. Once you save the order, it is sent out to ME.
Production order is distributed into ME.

Related Content

**Related Documents**

- [TEST CASE] Configure ERP ME Integration - Part I (Manually send data from ERP)
- [TEST CASE] Distribute REM planned orders to ME using DRF

Related SAP Notes/KBAs