

Integrating SAP C4C with SAP ISU Using CPI – BP Replication

SAP Cloud for Customer for Utilities Solution- Business Partner Replication Integration with SAP ERP
Version 1808 1.1



The document is intended only as a guide to help you prepare and apply the steps necessary for successful integration of SAP Cloud for Customer for Utilities – BP Replication with an existing on premise SAP ERP- IS Utilities system using SAP Cloud Platform Integration(CPI).

- *For ERP and C4C service details, please navigate to the “Documents” tab – BP iFlows 1808 within 'SAP Cloud for Customer for Utilities Solution- Business Partner Replication Integration with SAP ERP' package.*
- *ERP and C4C configuration: please refer the following link*

<https://help.sap.com/viewer/132318642e5c415a81ebdab47891b8a7/1908/en-US/ca1aae6b0a3642478ef0748bc2479408.html>

<https://help.sap.com/viewer/afdd8bbb7aa442dfb43e82ac06c43e2e/latest/en-US>



Agenda

- Overview
- Prerequisites
- View Prepackaged iFlows using SAP CPI Web UI
- Configure and Deploy the iFlow Using SAP WebUI
- Monitoring from WebUI

Overview

SAP Cloud for Customer for Utilities Solution- Business Partner Replication Integration with SAP ERP

The integration content includes replication of Business Partners and Relationships replications from SAP IS-U to C4C and vice versa.

Prerequisites

Below steps are typically taken care by an CPI consulting team who is responsible for configuring the ERP-CPI connection and maintaining the integration content and certificates/credentials on the CPI tenant.

Communication system and following Communication arrangements are configured in Cloudfor Customer system

- Business Partner Replication from SAP BusinessSuite
- Business Partner Replication to SAP BusinessSuite
- User credentials and Certificates are obtained
- CPI test/productive tenants are live.

Network Security team takes the responsibility of preparing the network environment across different systems and its security aspects

View Prepackaged iFlows using SAP HCI Web UI

- Access the web UI URL in the format <https://<hcitenant-name>-tmn.<landscape-url>/itspaces>
- Choose 'SAP Hybris Cloud for Customer for Utilities Solution- BPREplication Integration' from discover tab
- Copy the package to Design tab

Configure and Deploy the iFlow Using SAP Web UI

- Select the 'Artifact' you want to 'deploy' and click on 'configure' from Action
- Upload the client certificate of the Sender system where ever the authentication mode is Client Certificate and Private key for Receiver
- Under Connections, for Address Endpoints - enter protocol, host and port information of the "Receiver" system
- For Content Modifier- Exchange Property 'Value' Pass Sender and Receiver system parameters with ERP and C4C business system IDs
- 'Save' and 'Deploy'
- Check the deploy status in Monitoring- Manage Integration content

Monitoring from WebUI

- Monitor Message Processing
- Manage Integration Content
- Manage Security Material
- Manage Locks



Thank you