

SAP Cloud for Customer
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End-End Automated Integration Configuration

Document History

Document Version	Description
1.0	First official release of this guide

Table of Contents

1	Business Scenario	4
2	Prerequisites	4
3	Overview	4
4	Step-by-Step Procedure	5
	4.1 On-premise configuration	5
	4.2 Middleware configuration.....	6
	4.3 Cloud for Customer configuration.....	7
5	Summary	7

1 Business Scenario

With the 1408 release of Cloud for Customer, there have been some significant improvements in terms of automated configuration reports for setting up integration between your SAP on-premise systems and SAP Cloud for Customer tenants using SAP HANA Cloud Integration. For first time customers or partners that are setting up a new integration landscape would be able to drastically reduce the overall time spent on configuring the integration across on-premise, middleware and cloud for customer application.

2 Prerequisites

- Technical connectivity between SAP on-premise and SAP Cloud for Customer and vice-versa.
- Administrator privileges and access to execute the reports in SAP on-premise, SAP HCI and SAP Cloud for Customer

3 Overview

For integrating your SAP CRM system to your SAP Cloud for Customer solution, one of the critical aspects is loading of your master data. The diagram below captures the sequence in which you should perform the initial load.



- End-End Automated integration configuration across SAP on-premise (ERP/CRM), SAP HANA Cloud Integration and SAP Cloud for Customer

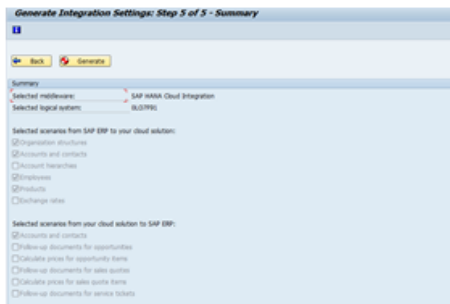
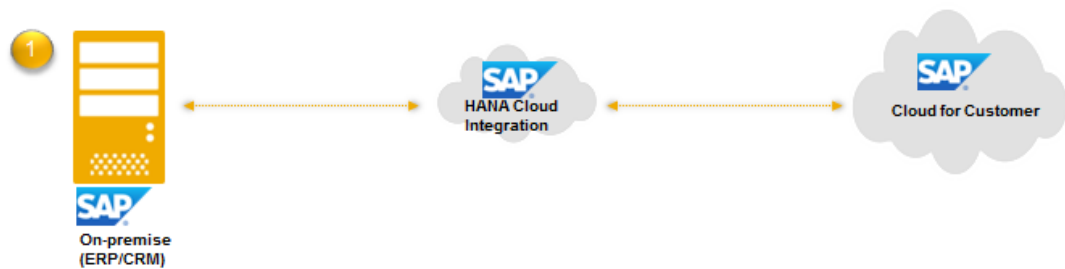
Overall end-end automated integration configuration has been achieved in,

- On-premise by providing automated configuration reports for setting up logical system, partner profiles, HTTP destinations and ports using pre-delivered reports in the Integration add-on's.
- Cloud for Customer, there is a simplified configuration report that automatically deploys all selection communication arrangements in one shot.
- And, SAP HANA Cloud Integration, the "mass configure" feature allows users to deploy multiple iflows from an integration package by setting the parameters and credentials at an iflow package level.

4 Step-by-Step Procedure

4.1 On-premise configuration

Configuration in SAP On-premise (ERP/CRM)



On-premise Configuration Reports for ERP/CRM

- Go to transaction se38 and execute the report RCOD_CREATE_CONNECTIVITY_SIMPL for ERP Integration
- Go to transaction CRMPCD_CONNECTIVITY for CRM Integration
- Select the middleware option (PI/HCI)
- Select the integration scope
- Select Logical system and connectivity option
- Review and Complete wizard

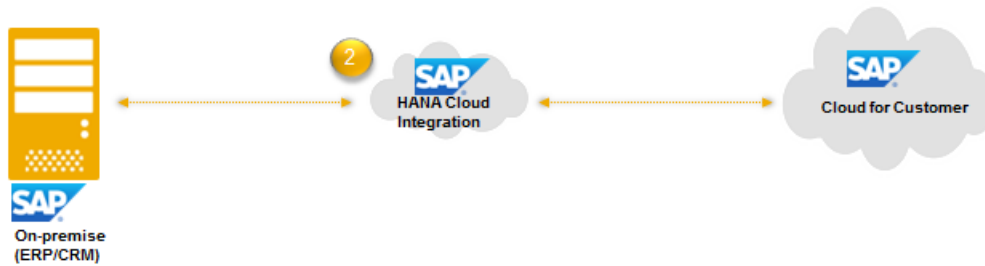


Note

You should have created a logical system in the on-premise backend using transaction BD54. Maintain default profile by logging into transaction SOAMANAGER, select Technical Administration → Profiles. Maintain “DEFAULT_PROFILE” and activate changes.

4.2 Middleware configuration

Configuration in SAP HANA Cloud Integration



Mass Configuration of iflows in HANA Cloud Integration (HCI)

- Go to the Discover section in the HCI web UI
- Copy Integration package from the Discover section into your local workspace (Design section)
- Select iflow to mass configure
- Enter sender/receiver parameters (hostname.port, credentials)
- Review and Deploy iflows.

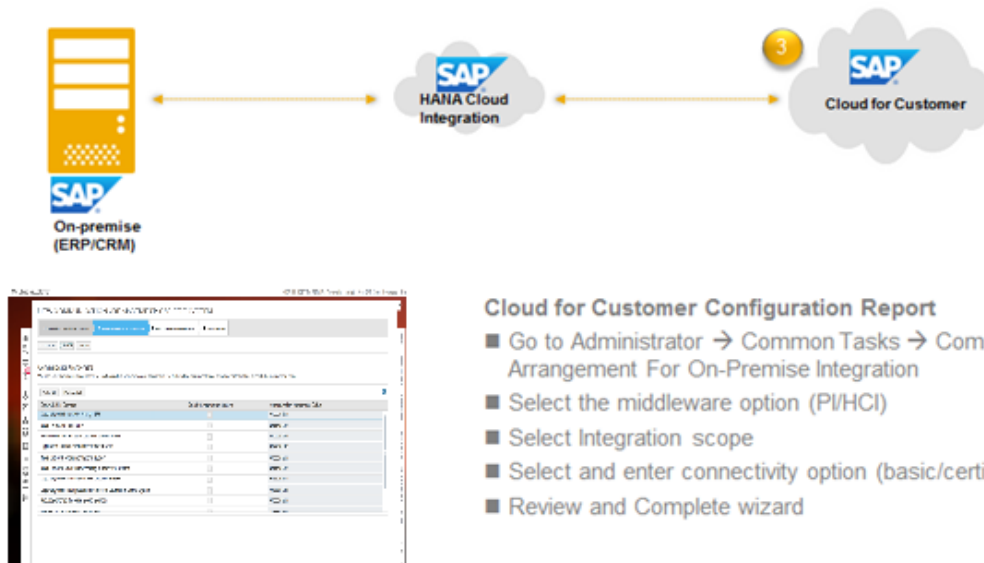


Note

You should have access to deploy iflows in SAP HANA Cloud Integration. Pre-requisite roles are AuthGroup.Administrator.

4.3 Cloud for Customer configuration

Configuration in SAP Cloud for Customer

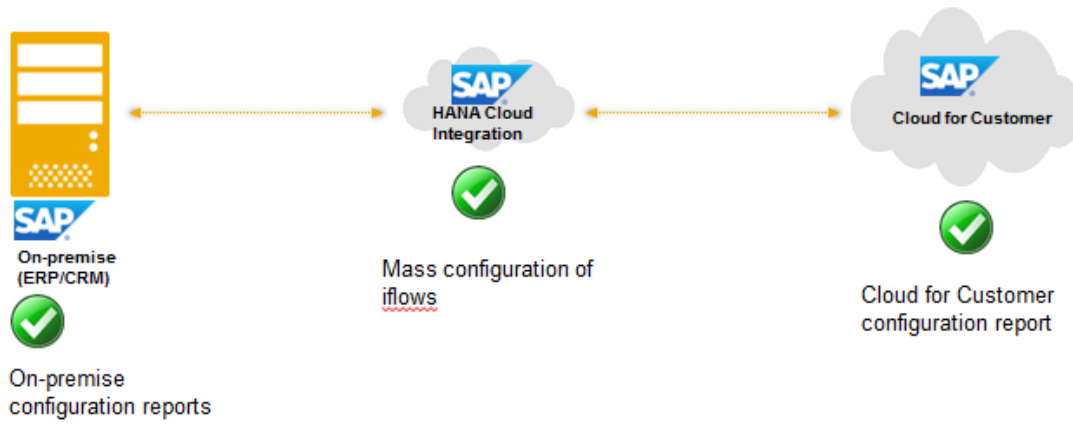


Note

You should have created the Communication system capturing the middleware and on-premise information such as hostname and IDoc Logical System ID.

5 Summary

With the introduction of end-end automated configuration reports, customers can realize a savings of upto 80% of configuration time compared to before.





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