

Configure Workforce Availability Integration Flow – Scope Mode

Use

This step describes the settings required to configure the workforce availability integration flow in Scope Mode via the CPI Web UI. It's only required if you want to replicate availability data for a specific set of Work Assignments (based on User IDs) from SAP SuccessFactors to SAP S/4HANA On-Premise/Private Cloud.

Procedure

1. Log on to CPI Web UI as an SAP Cloud Integration developer.
2. Select [Design](#) (beneath [Discover](#)) from the top-level menu on the left.
3. You see that the integration package [SAP SuccessFactors Workforce Availability Integration with SAP S/4HANA OnPremise/Private Cloud](#) already exists. Select this integration package and the package content list appears.
4. Choose [Artifacts](#). All artifacts are listed in the lower part of the page.
5. Choose [Configure](#) in the [Actions](#) menu to adapt the configuration for the integration flow [Replicate Workforce Availability to SAP S4HANA PCE - Scope Mode](#).
6. On the [Configure: Replicate Workforce Availability to SAP S/4HANA](#) screen, choose the [Timer](#) tab and fill in the following fields:

Field Name	Value	Comment
Start Timer: Scope Mode	StartEvent_9748440	Keep default
Run Once	check	

7. Choose the [RECEIVER](#) tab and select [HTTPReceiver_SF_ReadRecordCount](#) for [Receiver](#).

Field Name	Value	Comment
Adapter Type	HTTP	Keep default
SuccessfactorsLink	Enter the base URL of your SAP SuccessFactors system using the https:// syntax.	For example: https://apidemo1.successfactors.com
Authentication	OAuth2 SAML Bearer Assertion	

8. Choose the [RECEIVER](#) tab and select [SFReceiver_SF_FetchPackage](#) for [Receiver](#).

Field Name	Value	Comment
Adapter Type	SuccessFactors	Keep default
Address	Enter the base URL of your SAP SuccessFactors system using the https:// syntax.	For example: https://apidemo1.successfactors.com
Authentication	OAuth2 SAML Bearer Assertion	
Credential Name	Enter the name of the credentials artifact of the SuccessFactors type that you've created during task Create User Credentials on SAP CPI.	Enter the alias created for OAuth2 SAML Bearer Assertion for SAP SuccessFactors.

9. Choose the [RECEIVER](#) tab and select [ODataReceiver_S4HANA_PostPackage](#) for [Receiver](#).

Field Name	Value	Comment
Adapter Type	HCIOData	Keep default
S/4HOST	Enter the host name to the SAP S/4HANA system.	For example: https://hostname.s4hana.ondemand.com or https://hostname.domainname.com
S/4PORT	Enter the port number of the SAP S/4HANA OData service for availability replication.	If no port number is available, keep the default value 44300
Proxy Type	Internet or On-Premise	Change the proxy type to <i>On-Premise</i> when connecting to S/4HANA On-Premise system. To connect to Private Cloud environment, keep the default value <i>Internet</i> .
Location ID	Enter the Location ID (ID Created in Cloud Connector)	Only relevant while connecting to SAP S/4HANA On-Premise system.
Authentication	Select the authentication type for the S/4HANA system	
Credential Name	Enter the credential created for S/4HANA system	
Custom Query Options	Enter the SAP S/4HANA On-Premise client. Use syntax: "sap-client=<nnn>"	Replace <nnn> with your SAP S/4HANA On-Premise client.

10. Choose the [MORE](#) tab.

Field Name	Value	Comment
Userids	[Mandatory] Enter user IDs separated by commas (without blanks).	

11. Choose [Save](#).

12. The [Messages](#) screen is displayed. Warnings in this integration flow can be ignored by choosing [Close](#).

13. Choose [Deploy](#).

The [Confirmation](#) screen is displayed.

14. On the [Confirmation](#) screen, choose [Yes](#).

After validation, the [Deployment](#) screen is closed.

15. Choose [OK](#)

Result

The Workforce Availability Integration Scope Mode scenario is configured.