



PUBLIC

Configuring the Integration Center Templates with Intelligent Service Center Events

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1 KEY HIGHLIGHTS OF THE INTEGRATION

- Real Time Data Transfer:
The Near Real-Time SAP-Benefitfocus integration is designed to replace a file-based integration framework currently used. The key difference is that, rather than scheduled batch extractions/inbound file processing on scheduled dates, the API based integration allows for automated transfer of information to Benefitfocus from EC and from Benefitfocus to ECP.
- Enhanced Security:
 - Benefitfocus end-point is invoked via OAuth mechanism, configured in the Integration Center > Security Center
 - SAP Employee Central Payroll end-point is invoked via certificate based authentication, configured in SAP ECP

2 Integration Center to Intelligent Service Event mapping details

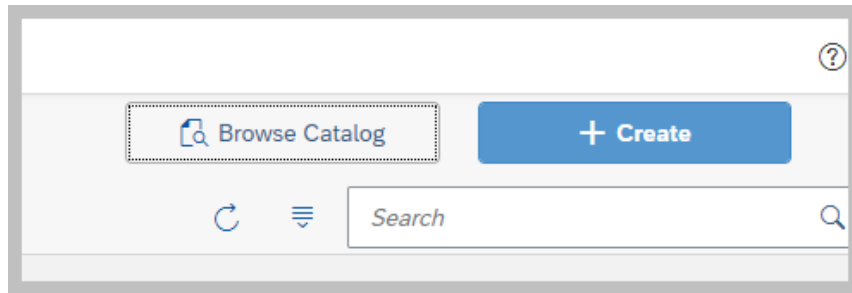
Integration Name	ISC Event	Description
SAP US Benefitfocus - Change in Job Title	Change in Job Title	This integration is tied to change in Job Title event. Whenever an employee Job title is changed this integration is executed.
SAP US Benefitfocus - Change in Location	Change in Location	This integration is tied to change in Location event. Whenever an employee Location is changed this integration is executed.
SAP US Benefitfocus – Employee Termination	Employee Termination	This integration is tied to Employee Termination. Whenever an employee is terminated this integration is executed.
SAP US Benefitfocus – New Hire	New Hire	This integration is tied to New Hire event. Whenever an employee is Hired integration is executed.
SAP US Benefitfocus – Employee Rehire	Employee Rehire	This integration is tied to Employee Rehire event. Whenever an inactive employee is rehired this integration is executed.
SAP US Benefitfocus - Change in Employee Department	Change in Employee Department	This integration is tied to change in Employee Department event. Whenever an employee department is changed this integration is executed.
SAP US Benefitfocus - Change in Employee Division	Change in Employee Division	This integration is tied to change in Employee Division event. Whenever an employee Job Division is changed this integration is executed.
SAP US Benefitfocus - Change in Business Unit	Change in Business Unit	This integration is tied to change in Business Unit event. Whenever an employee Business Unit is changed this integration is executed.

SAP US Benefitfocus - Change in Job Classification	Change in Job Classification	This integration is tied to change in Job Classification event. Whenever an employee Job Classification is changed this integration is executed.
SAP US Benefitfocus – Job Transfer	Job Transfer	This integration is tied to Job Transfer event. Whenever an employee work location is changed this integration is executed

3 Steps to configure the integration

1. Browse the content catalog and download the Pre-Built Integration Center Definition (ICD) file(s)

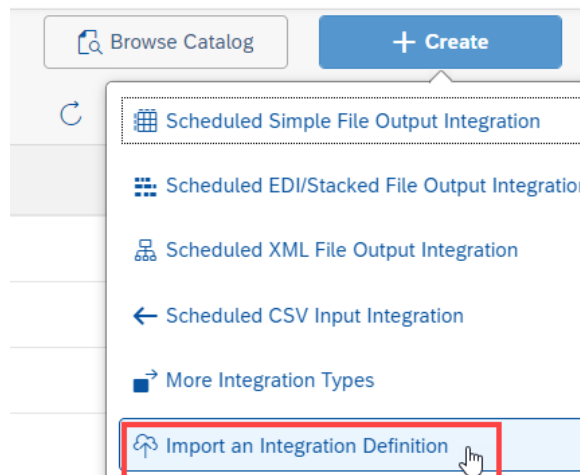
Login to SuccessFactors > Integration Center > Click on “My Integrations” tile > Click on “Browse Catalog” button on the right-side top corner in the pane



2. Search the integration by the name and click on the tile to download the ICD files

Import the Integration Center Definition (ICD) file(s)

Click on “+Create” button > Click on “Import an Integration Definition” > Browse the folder where ICD file is present and import it.




















Once the file is imported, configure the destination settings > Click Save

Note: REST API URL and OAuth configuration needs to be configured in the destination settings. Please refer to section 4 of this document

3. Mapping the integration to Intelligent Service Event

Go to Intelligent Service Center > Click on the event you would like to configure > Click on “Integration” > Select the integration > Click “Add Integration” button

Note: Ensure that the Business Rules pertaining to the events are attached to Job Information

Job Information Model	onSave	Cold District Allowance JP (ColdDistrictAllowance.JP) 	Yes	Details
Job Information Model	onPostSave	EVENT Global Assignment (EVENT_GA) 	Yes	Details
Job Information Model	onPostSave	EVENT GLOBAL ASSIGNMENT END (EVENT_GA_END) 	Yes	Details
Job Information Model	onPostSave	EVENT TERMINATION (EVENT_Term) 	Yes	Details
Job Information Model	onPostSave	EVENT TRANSFER (EVENT_Transfer) 	Yes	Details
Job Information Model	onPostSave	EVENT Concurrent Job (EVENT_CE) 	Yes	Details
Job Information Model	onPostSave	EVENT_TITLCHG (EVENT_TITLCHG) 	Yes	Details
Job Information Model	onPostSave	EVENT_BUCHG (EVENT_BUCHG) 	Yes	Details
Job Information Model	onPostSave	EVENT_DIVNCHG (EVENT_DIVNCHG) 	Yes	Details
Job Information Model	onPostSave	EVENT_DEPTCHG (EVENT_DEPTCHG) 	Yes	Details
Job Information Model	onPostSave	EVENT_LOCNCHG (EVENT_LOCNCHG) 	Yes	Details
Job Information	onInit	Propagate to JOB_INFO standardHours (migratedRule__JOB_INFO_standard-hours_1554624675538) 	Yes	Details
Job Information	onInit	Rule For FTE Calculation (migratedRule_calculate_FTE_1554624675538) 	Yes	Details
Job Information Model	onInit	HideFieldsforCW (HideFieldsforCW) 	Yes	Details
Employee Information Model	onInit	NewHire_HideJobFields (NewHire_HideJobFields) 	Yes	Details
Employee Information Model	onInit	PAYSCALE_LEVEL_TARIFF_PAY_DEFAULT (PAYSCALE_LEVEL_TARIFF_PAY_DEFAULT) 	Yes	Details
Employee Information Model	onInit	PAY_COMP_PERFORMANCE_SUPPLEMENT_DEFAULT (PAY_COMP_PERFORMANCE_SUPPLEMENT_DEFAULT) 	Yes	Details
Employee Information Model	onInit	AutoTimeDetails_onInit (AutoTimeDetails_onInit) 	Yes	Details
Employee Information Model	onInit	Autofill Job Info Fields (AutoFillJobInfo) 	Yes	Details
Job Information Model	onPostSave	EVENT_MNGRCHG (EVENT_MNGRCHG) 	Yes	Details

4 Steps to configure the OAuth settings for integration

Prerequisite

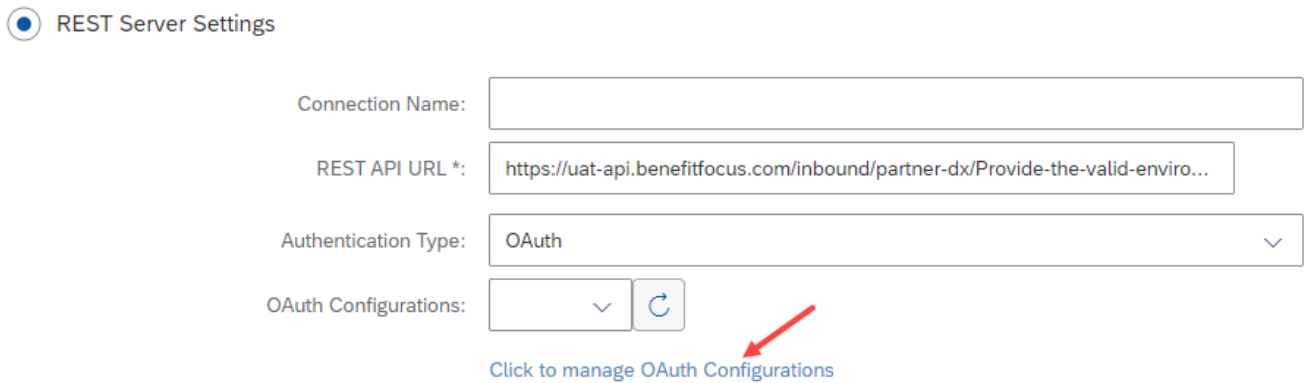
For OAuth configuration customer needs following details from Benefitfocus.

1. Token URL
2. Client id
3. Client Secret

Note: -For getting above information Benefitfocus customers representatives needs to raise Jira ticket to config management.

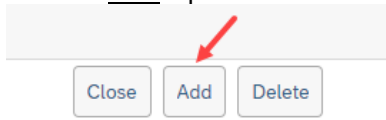
Steps

1. While Configuring a Integration on Destination Page Click on the link "Click to manage OAuth configuration"



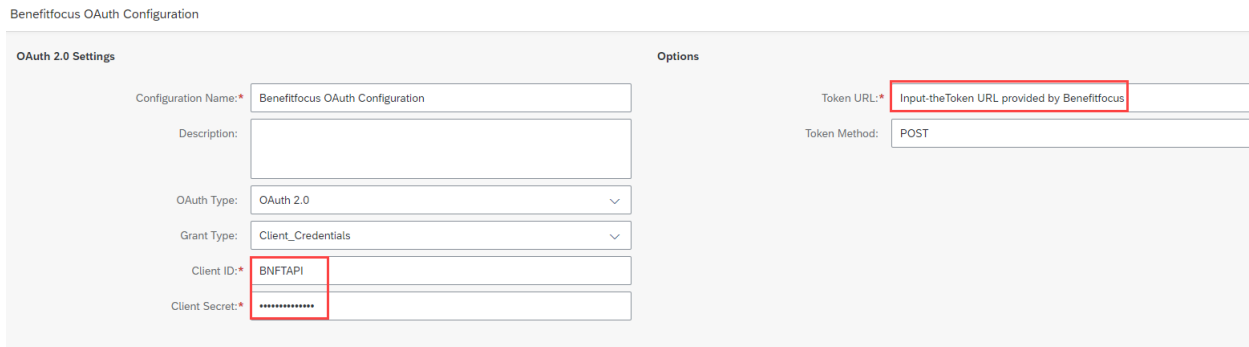
The screenshot shows the 'REST Server Settings' configuration page. It includes a radio button for 'REST Server Settings', a 'Connection Name' text box, a 'REST API URL *' text box containing 'https://uat-api.benefitfocus.com/inbound/partner-dx/Provide-the-valid-enviro...', an 'Authentication Type' dropdown menu set to 'OAuth', and an 'OAuth Configurations' section with a dropdown arrow and a refresh icon. A red arrow points to a blue link below the refresh icon that says 'Click to manage OAuth Configurations'.

2. Click on **Add** Option on "Outbound OAuth configuration" Screen.



The screenshot shows three buttons: 'Close', 'Add', and 'Delete'. A red arrow points to the 'Add' button.

3. Give The Configuration Name, and select the OAuth Type as OAuth 2.0
4. Select the Grant type as Client_Credentials
5. Provide the Client ID, this is used to call Benefitfocus APIs For Example: BNFTAPI
6. Fill the Client Secret (generated in Benefitfocus Platform) and Token URL provided by Benefitfocus.



The screenshot shows the 'Benefitfocus OAuth Configuration' form. It is divided into 'OAuth 2.0 Settings' and 'Options'. Under 'OAuth 2.0 Settings', there are fields for 'Configuration Name*' (Benefitfocus OAuth Configuration), 'Description:', 'OAuth Type:' (OAuth 2.0), 'Grant Type:' (Client_Credentials), 'Client ID:*' (BNFTAPI), and 'Client Secret:*' (masked with asterisks). Under 'Options', there are fields for 'Token URL:*' (Input-theToken URL provided by Benefitfocus) and 'Token Method:' (POST). Red boxes highlight the 'Client ID' and 'Token URL' fields.

7. Click on the Save Option, at the bottom of the configuration page.
8. After you have saved the OAuth configuration, please refresh the OAuth configuration and the saved configuration should be able to select from the drop-down

OAuth Configurations: 
[Click to manage OAuth Configurations](#)

Note: Please check with Benefitfocus for Token URL, raise a Support incident with Benefitfocus team.

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