

Q for IT
Standard Content Integration Package
QforIT_CIS_ErrorAlerting
Instruction Guide



Document Information

General	Project
Author:	

Version Management			
Version	Date	Description	Author
0.1	16-02-2017	Initial Version	
0.2	17-02-2017	Added details/changes	
1.0	01-06-2017	Final Version	
1.1	04-06-2018	Added external parameters	

Document Review		
Name	Function	Sign Off



Table of Contents

1	Introduction.....	4
2	Instruction Guide	5
2.1	Adjust the QforIT_CIS_ErrorAlertingFlow	5
2.2	Adjust the QforIT_CIS_ErrorAlertingValueMapping	8



1 Introduction

This integration package is developed to use SAP HANA Cloud Platform Integration Services to automatically monitor your tenant via OData API requests and to have SAP HANA Cloud Platform Integration Services send you an email-alert in case of CRITICAL (according to the ITIL priority matrix) priority errors/issues. Using standard SAP technology this iFlow makes it possible to send out alerting emails in case an iFlow runs in error.



2 Instruction Guide

This step-by-step instruction guide will help you configure your own AlertingFlow on your HANA Cloud Integration Tenant and monitor your interfaces.

2.1 Adjust the QforIT_CIS_ErrorAlertingFlow

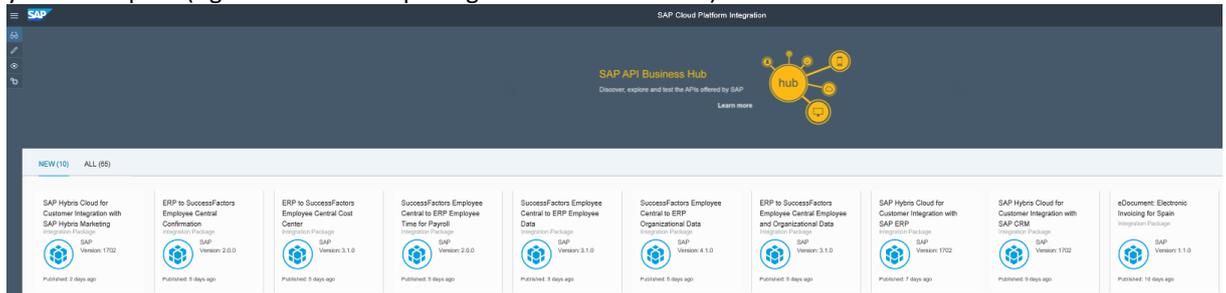
To use the QforIT_CIS_ErrorAlertingFlow you will need:

- SAP HANA Cloud Integration Tenant
- Multiple iFlows/interfaces for monitoring and valuemapping purposes

Step 1: Log on to your HANA Cloud Integration Tenant

1. Launch SAP HCI Web application by accessing the URL provided by SAP.
2. If you are a new user, choose **Signup**.
3. If you have user credentials, choose **Login**.
4. Click on the Discover button on the left side of the screen () to select the package and copy it to

your workspace (right button under package: )

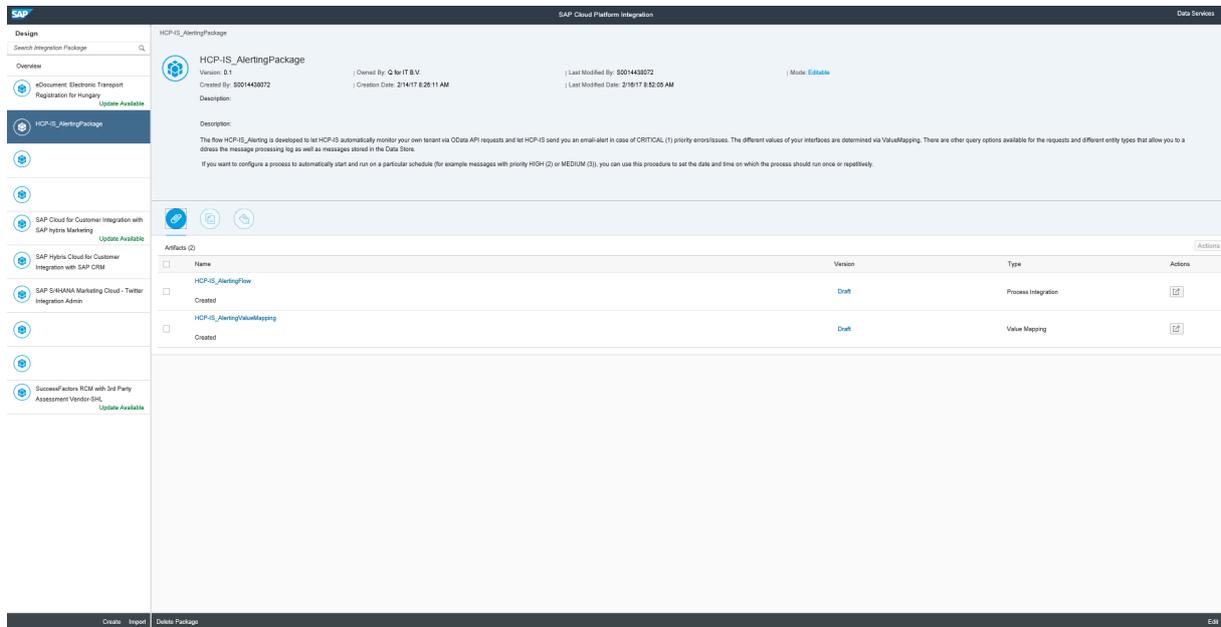


5. Click on the **Design** button on the left side of the screen ()



Step 2: Adjust the QforIT_CIS_ErrorAlertingPackage

1. Click on QforIT_CIS_ErrorAlertingPackage on the left-side of the screen.
2. Click on Edit at the right bottom of the screen



The screenshot shows the SAP Cloud Platform integration interface. On the left, there is a navigation pane with a search bar and a list of integration packages. The package 'HCP-IS_AlertingPackage' is selected and highlighted in blue. The main area displays the details for this package, including its version (0.1), creator (Q for IT B.V.), and creation date (2/14/17 8:26:11 AM). Below this, there is a table of artifacts:

Artifacts (2)				
<input type="checkbox"/>	Name	Version	Type	Actions
<input type="checkbox"/>	HCP-IS_AlertingFlow	Draft	Process Integration	
<input type="checkbox"/>	HCP-IS_AlertingValueMapping	Draft	Value Mapping	

At the bottom right of the interface, there is an 'Edit' button.

Step 3: Configure your artifact

1. Select the artifact you want to configure, and click on  under 'Actions'.
2. Choose 'Configure'.



Step 4: Configure your Externalized Parameters

In the configuration screen below you can set your parameters.

1. Provide the relevant details in Receiver and Parameters tab pages (the flow starts with a Timer Event, so there is no Sender tab page):

Configure "QforIT_CIS_ErrorAlerting"

Receiver
More

Connection	Receiver:	Mail_server
	Adapter Type:	Mail
	Address:	smtp.example.net
	Timeout (in ms):	3000
	Credential Name:	smtp_credential
	From:	cpi.noreply@company.com
	To:	integration.support@company.com

2. Configure the intervals for the other priorities in the tab more:

More

Type:	All Parameters
Credentials:	Credential
HIGH:	10 (in minutes)
LOW:	2 (in hours)
MEDIUM:	30 (in minutes)
Minutes:	1 (used for the scheduling of the iFlow, should match the configured timer)
VERY_LOW:	12 (in hours)

The parameter "Minutes" is used in a script in the iFlow, therefore it should match the time configured in the timer tab:



Timer: [StartEvent_2] v

Run Once
 Schedule on Day
 Schedule to Recur

Schedule to Recur

Daily v

On Time 07:21 AM
 Every

1 min v Between 00:00 v and 24:00 v

Time Zone (UTC 0:00) GMT+00:00(Etc/GMT) v

3. Choose 'Save'.

Step 5: Deploy your iFlow

After the configuration of your specific parameters, you will return to the main screen.

1. Select the iFlow you want to deploy, and click on  under 'Actions'.
2. Click on 'Deploy'.

3. You will see the following message in your screen:

'HCP-IS_AlertingFlow' is triggered for deployment.

Step 6: Check if your iFlow is successfully deployed and started

1. Click on the Operations button on the left side of the screen ()
2. Click on the 'Manage Integration Content' button to see if your iFlow is 'Started'.

Manage Integration Content

All 14 All 10 Started

Integration Content (14) Search for Name or ID

Name	Type	Status
HCP-IS_AlertingFlow	Integration Flow	Started

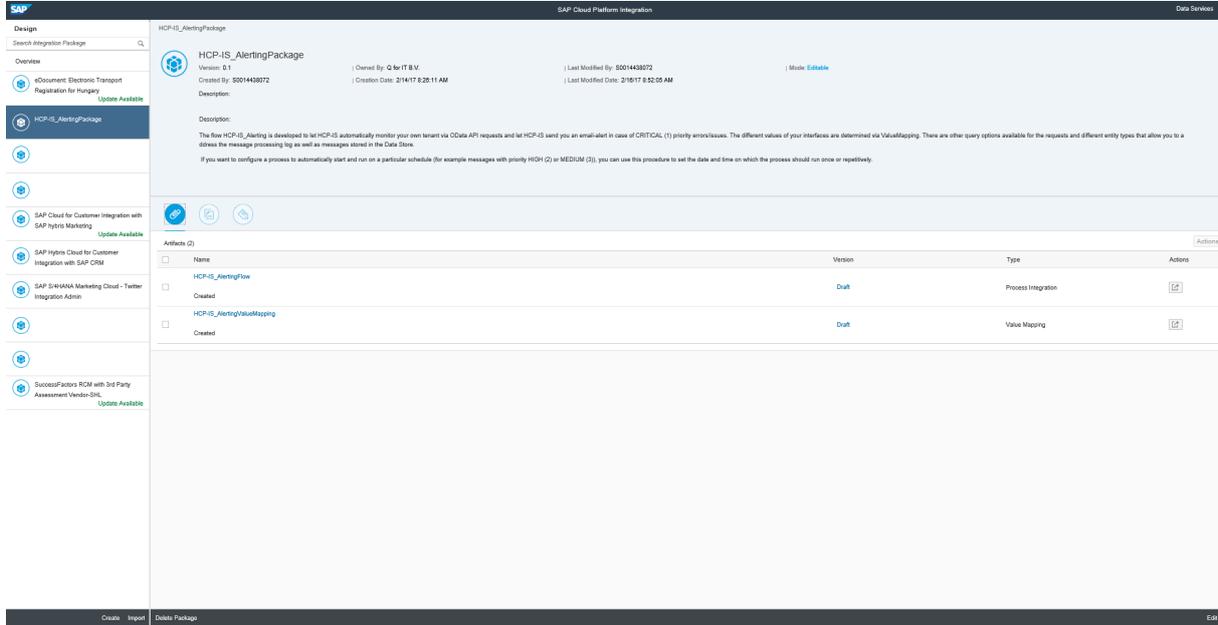
If the iFlow is successfully deployed and started, you have finished your configuration and you (or other recipients) will receive an e-mail when an error occurs.

2.2 Adjust the QforIT_CIS_ErrorAlertingValueMapping

Step 1: Open the QforIT_CIS_ErrorAlertingValueMapping



1. Click on QforIT_CIS_ErrorAlertingPackage on the left-side of the screen.
2. Click on Edit at the right bottom of the screen



HCP-IS_AlertingPackage

Version: 0.1 | Owned By: Q for IT B.V. | Last Modified By: 5001443802 | Mode: [Editable](#)

Created By: 5001443802 | Creation Date: 21/11/17 8:26:11 AM | Last Modified Date: 21/01/17 8:52:00 AM

Description:

The flow HCP-IS_Alerting is developed to let HCP-IS automatically monitor your own tenant via CCData API requests and let HCP-IS send you an email alert in case of CRITICAL (1) priority errors/issues. The different values of your interfaces are determined via ValueMapping. There are other query options available for the requests and different entity types that allow you to address the message processing log as well as messages stored in the Data Store.

If you want to configure a process to automatically start and run on a particular schedule (for example messages with priority HIGH (2) or MEDIUM (3)), you can use this procedure to set the date and time on which the process should run once or repetitively.

Artifacts (2)				
<input type="checkbox"/>	Name	Version	Type	Actions
<input type="checkbox"/>	HCP-IS_AlertingFlow	Draft	Process Integration	[Edit]
<input type="checkbox"/>	HCP-IS_AlertingValueMapping	Draft	Value Mapping	[Edit]

Step 2: Configure your artifact

1. Select the artifact you want to configure, and click on  under 'Actions'.
2. Choose 'Configure'.
3. On the left side of the screen, add your integration iFlownames.
4. On the right side of the screen, add the priority number (e.g. 1, 2 etc).
(The numbers are based on the ITIL priority matrix, 1 = CRITICAL, 2 = HIGH, 3=MEDIUM, 4=LOW, 5 = VERY LOW).
5. Choose 'Save'.



Configure QforIT_CIS_ErrorAlerting_ValueMapping

Bi-Directional mapping

Agency	Identifier	↔	Agency
IntegrationFlowName	Priority	↔	Priority

[Value Mappings](#) [Default Values](#)

Value Mappings for

Add

IntegrationFlowName, Priority	↔	Priority, Priority	
Interface1	↔	1	
Interface2	↔	1	
Interface3	↔	2	
Interface4	↔	5	
Interface5	↔	3	
Interface6	↔	2	

Step 3: Deploy your ValueMapping

After the configuration of your parameters, you will return to the main screen.

- Select the iFlow you want to deploy, and click on  under 'Actions'.
- Click on 'Deploy'.

- You will see the following message in your screen:

'HCP-
IS_AlertingValueMapping' is
triggered for deployment

Step 4: Check if your ValueMapping is successfully deployed and started

- Click on the Operations button on the left side of the screen ().
- Click on the 'Manage Integration Content' button to see if your ValueMapping is 'Started'.



Integration Content (14)  

Name	Type	Status
HCP-IS_AlertingValueMapping	Value Mapping	Started

If the ValueMapping is successfully deployed and started, you have finished your configuration!

