

Building Block Configuration Guide

Global VM Upload

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English

CUSTOMER

Global VM Upload

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1 Prerequisites

- With this Integration Flow an upload of JSON/XML payload to a specific Value Mapping in Cloud Integration is possible
- This Integration flow works with Cloud Integration in “Cloud Foundry” and “NEO” environment
- The relevant VM should be “not available” or at least saved as a specific version and no in “draft” state
- The ID of the related Integration Package where the VM should be created or updated should be available

3 Configuration steps on SAP Cloud Integration

- Maintain sender adapter and additional attributes in Cloud Integration
- Enable an Oauth2 User in Subaccount – to access the Business APIs from Cloud Integration

3.1 Integration Flow - Sender Adapter

- Configure the Send-Address under which the Integration Flow should be reachable - In default it is /global/vmupload

Sender More

Connection

Sender: Sender

Adapter Type: HTTPS

Address: /global/vmupload

3.2 Integration Flow - Other Parameters

- ENV_Credentials ○ Configure the Name of the Credentials which will be used for accessing the Cloud Integration Env.
 - Hint: according to the env. the credentials are configured as oAuth2
- ENV_URL:
 - Configure the URL for accessing the APIs from Cloud Integration ○ Hint: usually it is the address found in the browser URL

https://myintegrationsuite/shell/design/contentpackage/Global/integrationflows/VMUpload

Integration Suite

Sender **More**

Type: All Parameters

ENV_CREDENTIALS: CI_Credentials

ENV_URL: https://myintegrationsuite.eu12.hana.ondemand.com

3.3 Subaccount – Oauth2 Credentials

3.3.1 Setup Oauth2 in Cloud Foundry

- <https://community.sap.com/t5/technology-blogs-by-members/how-to-trigger-sap-cloud-platform-integration-viaoauth-in-postman/ba-p/13546411>

3.3.2 Setup Oauth2 in NEO Environment

- <https://community.sap.com/t5/technology-blogs-by-sap/part-1-secure-connectivity-oauth-to-sap-cloud-platformintegration/ba-p/13379389>

4 Appendix

4.1 Example Json-Structure

```
{
  "name": "VMTEST",
  "packageid": "PackageID",
  "description": "Upload via API",
  "action": "create",
  "_comment": "action: create also as HTTP-POST-Method, update also as HTTP-PUT-Method, delete
also as HTTP-DELETE-Method", "items": [
    {
      "sourceagency": "Source Agency2",
      "sourceidentifier": "Source Identifier",
      "targetagency": "Target Agency2",
      "targetidentifier": "Target Identifier",
      "items": [
        {
          "source": "source value new 5",
          "target": "target value new 3"
        },
        {
          "source": "source value1",
          "target": "target value1"
        }
      ]
    },
    {
      "sourceagency": "Source Agency2",
      "sourceidentifier": "Source Identifier1",
      "targetagency": "Target Agency2",
      "targetidentifier": "Target Identifier1",
      "items": [
        {
          "source": "source value1 new",
          "target": "target value0"
        },
        {
          "source": "source value3",
          "target": "target value2"
        }
      ]
    }
  ]
}
```

4.2 Example XML-Structure

```
<?xml version="1.0" encoding="UTF-8" ?>
<payload>
  <name>VMTEST</name>
  <packageid>PackageID</packageid>
  <description>Upload via API</description>
  <action>create</action>
  <_comment>action: create as HTTP-POST-Method, update as HTTP-PUT-Method, delete as HTTP-
DELETE-Method</_comment>
  <items>
    <sourceagency>Source Agency2</sourceagency>
    <sourceidentifier>Source Identifier</sourceidentifier>
    <targetagency>Target Agency2</targetagency>
    <targetidentifier>Target Identifier</targetidentifier>
    <items>
      <source>source value</source>
      <target>target value</target>
    </items>
    <items>
      <source>source value1</source>
      <target>target value1</target>
    </items>
  </items>
  <items>
    <sourceagency>Source Agency2</sourceagency>
    <sourceidentifier>Source Identifier1</sourceidentifier>
    <targetagency>Target Agency2</targetagency>
    <targetidentifier>Target Identifier1</targetidentifier>
    <items>
      <source>source value1</source>
      <target>target value0</target>
    </items>
    <items>
      <source>source value3</source>
      <target>target value2</target>
    </items>
  </items>
</payload>
```