

Configure the SAP BTP Cloud Foundry Environment Subaccount with SAP Forms Service by Adobe

Purpose

This section shows how to configure the SAP BTP, Cloud Foundry environment subaccount, and the SAP Forms service by Adobe. This service will be consumed later by the SAP BTP, Cloud Foundry environment subaccount.

Prerequisites

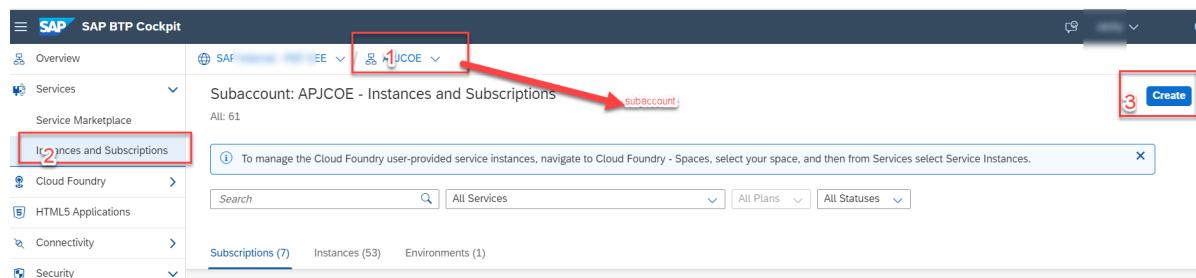
You have a subaccount on SAP BTP, Cloud Foundry environment and the subaccount has entitlement of service Forms service by Adobe .

Procedure

Note : Please use Microsoft Edge Browser to do the configuration .

1, Create instance for ADS

Enter BTP sub-account and create instance for **Form Service by Adobe**



New Instance or Subscription

1

Basic Info

Enter basic info for your instance or subscription.

Service: *

Forms Service by Adobe

Plan: *

default

Create

Cancel

SAP SAP BTP Cockpit

Overview

Services

Service Marketplace

Instances and Subscriptions

Cloud Foundry

HTML5 Applications

Connectivity

Security

Users

Role Collections

Roles

SAP Internal - P&T CEE

APJCOE

Subaccount: APJCOE - Instances and Subscriptions

All: 61

Create

Search

All Services

All Plans

All Statuses

Subscriptions (7)

Instances (53)

Environments (1)

Applications to which your subaccount is currently subscribed

Application	Plan	Created On	Changed On	Status	
Forms Service by Adobe	default	30 Nov 2021	30 Nov 2021	Subscribed	...
SAP Intelligent Robotic Process Automat...	free	12 Oct 2021	12 Oct 2021	Subscribed	...
Print Service	standard	14 Oct 2021	14 Oct 2021	Subscribed	...

Enter BTP sub-account and create instance for **Forms Service by Adobe API**

SAP SAP BTP Cockpit

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Subaccount: APJCOE - Instances and Subscriptions

All: 61

Create

To manage the Cloud Foundry user-provided service instances, navigate to Cloud Foundry - Spaces, select your space, and then from Services select Service Instances.

Search

All Services

All Plans

All Statuses

Subscriptions (7)

Instances (53)

Environments (1)

New Instance or Subscription

1

Basic Info

2

Parameters

3

Review

Service: * ⓘ

Forms Service by Adobe API

▼

Plan: *

standard

▼

Runtime Environment: *

Cloud Foundry

▼

Space: *

dev

▼

Instance Name: * ⓘ

adobeap

Next >

Create

Cancel

New Instance or Subscription

1

Basic Info

2

Parameters

3

Review

 Browse...

1

< Back Next > Create Cancel

SAP

SAP BTP Cockpit

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Subscriptions (7)

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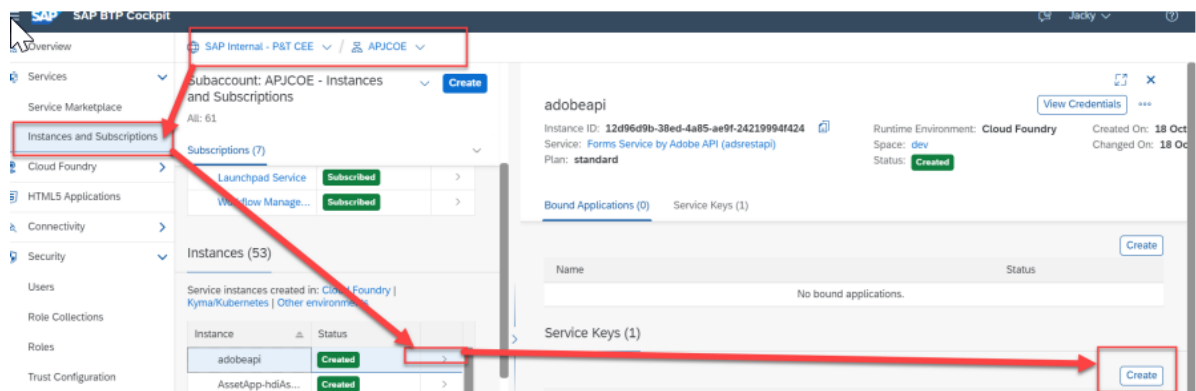
Launchpad Service	standard	7 Oct 2021	7 Oct 2021	Sub
Workflow Management	saas-application	6 Oct 2021	28 Oct 2021	Sub

Instances (53)

Service instances created in: Cloud Foundry | Kyma/Kubernetes | Other environments

Instance	Service	Plan	Runtime Environment	Scope
adobeapi	Forms Service by Adobe API	standard	Cloud Foundry	dev

Create key for **Forms Service by Adobe API** instance .



New Service Key

Service Key Name: *

adobeapikey

Configure Binding Parameters: ⓘ

Upload a JSON file:

Select JSON file [Browse...](#)

Or specify the parameters in JSON format: [Clear](#)

1

I

[Create](#) [Cancel](#)

adobeapi

Instance ID: 12d96d9b-38ed-4a85-ae9f-24219994f424
Service: Forms Service by Adobe API (adsrestapi)
Plan: standard

Runtime Environment: Cloud Foundry
Space: dev
Status: Created

Created On: 18 Oct
Changed On: 18 Oct

View Credentials

Bound Applications (0)

Service Keys (1)

Create

Name

Status

No bound applications.

Service Keys (1)

Create

Name

Status

adobeapikey

Created

...

View
Download
Delete

adobeapikey

Form

JSON

uaa:

clientid:

clientsecret:

url:

https://apjcoe-x66183k9.authentication.eu10.hana.ondemand.com

identityzone:

apjcoe-x66183k9

identityzoneid:

Copy JSON Download Close

Credentials

xsappname:

12d96d9b-38ed-4a85-ae9f-24219994f424!b114925|ads-xsappname!b102452

subaccountid:

f067bb2b-1b91-4942-98c6-0a071515947e

uaadomain:

authentication.eu10.hana.ondemand.com

zoneid:

f067bb2b-1b91-4942-98c6-0a071515947e

credential-type:

instance-secret

uri:

https://adsrestapi-formsprocessing.cfapps.eu10.hana.ondemand.com

Copy JSON

Download

Close

The ads rest api document URL: URI + /swagger-ui.html

<https://adsrestapi-formsprocessing.cfapps.eu10.hana.ondemand.com/swagger-ui.html>

← → ↺ 🏠

adsrestapi-formsprocessing.cfapps.eu10.hana.ondemand.com/swagger-ui/index.html?configUrl=/v3/api-docs/swagger-config&layo...

Apps SAP Managed Bookmarks Training System Order and Purchasi... BTPSERVICECOSTES...

SAP Forms by Adobe - ADS REST API on Cloud Foundry

1.1.1 OAS3

/v3/api-docs

The SAP Forms by Adobe REST API provides a subset of known ABAP PDF Object features. They are addressed by different URIs (Uniform Resource Identifiers) where each URI supports data and doc JSON format. The application calls the SAP Forms by Adobe REST API via HTTPS.

[Terms of service](#)

[Copyright](#)

Servers

/v1

Store - Forms

Create, read, update, and delete forms

GET

/v1/forms

Read forms

POST

/v1/forms

Create a form

GET

/v1/forms/{formName}

Read a form

PUT

/v1/forms/{formName}

Update a form

DELETE

/v1/forms/{formName}

Delete a form

ADS - Set Requests

Set an attachment or signature to a PDF file.

POST

/v1/pdf/adsSet/attachment

Set Attachment to PDF

2. Assing user Role Collections

SAP BTP Cockpit - Role Collections

Name	Description	Roles	User Groups	Actions
adobeservice	adobeservice	2 Items		Copy, Delete, Edit
AppGyver	Roles	XSUAA_Access 74 More		Copy, Delete, Edit
AssetManager-dev	Manage Asset	AssetManager		Copy, Delete, Edit
AssetViewer-dev	View Asset	AssetViewer		Copy, Delete, Edit
Business_Application_Studio_Administrator	Allows administrators to manage (export and delete) user data.	Administrator		Copy, Delete, Edit

SAP BTP Cockpit - Role Collection: adobeservice - Overview

EDIT MODE

Description: adobeservice

Roles (2) Users (1) Description

ID	Identity Provider	E-Mail	First Name	Last Name	Actions
ADSAAdmin	ADSAAdmin	ads-xsappname102452			Copy
TemplateStoreAdmin	TemplateStoreAdmin	ads-xsappname102452			Copy

Users (1)

Add your email address here

ID	Identity Provider	E-Mail	First Name	Last Name	Actions
Enter user e-mail	Default identity provider				

Description

3.Upload template file into Forms Service by Adobe

a .Copy address of Forms Service by Adobe

SAP BTP Cockpit - Subaccount: APJCOE - Instances and Subscriptions

Filtered: 2 of 61

Adob All Services All Plans All Statuses

Subscriptions (1) Instances (1) Environments (0)

Applications to which your subaccount is currently subscribed

Application	Plan	Created On	Changed On
Forms Service by Adobe	default	18 Oct 2021	18 Oct 2021

Instances (1)

Service instances created in: Cloud Foundry | Kyma/Kubernetes | Other environments

Instance	Service	Plan	Runtime Environment	Scope	Credentials
adobeapi	Forms Service by Adobe API	standard	Cloud Foundry	dev	1 key

b. The form template store URL is : a. url + /adsrestapi/ui.html

<https://apjcoe-x66183k9-ads.formsprocessing.cfapps.eu10.hana.ondemand.com/adsrestapi/ui.html>

c. create form in ADS .

The screenshot shows a web browser window with the URL `https://apjcoe-x66183k9-ads.formsprocessing.cfapps.eu10.hana.ondemand.com/adsrestapi/ui.html`. The page title is "Template Store". In the top right corner, there is a "Create Form" button highlighted with a red rectangle, followed by a "Refresh" button and a help icon. Below the header, there are two search bars: "Search:" and "Templates:". Under the "Templates:" bar, there are two small icons: an upward arrow and a pin. Below these is a table with two columns: "Form Name" and "Number of Templates". The table is currently empty, displaying "No data".

Form Name	Number of Templates
No data	

Create a new Form

Form Name: *

labelprint

Name of the form

✓ Optional data

Note:

labelprint

270 characters remaining

Short additional notes for this object

Create

Cancel

d.download xdp temlate file from github in the following linkage :

<https://github.com/SAP-samples/s4hana-ext-cloud-label-printing/blob/main/PrintLabel.xdp>

e. Upload the downloaded XDP template file into ADS

The screenshot illustrates the steps to upload an XDP template file into the Adobe Sign (ADS) interface. The interface is divided into two main sections: a left sidebar and a main content area.

Left Sidebar:

- Template ...** (Header)
- Create Form** (Button)
- Search:** (Input field)
- Templates:** (Input field)
- Form Name** and **Number of Templates** (Columns)
- No Favorite Forms** (Text)
- labelprint** (Form Name) and **0** (Number of Templates) (Row)

Main Content Area:

- Form Detail: labelprint** (Header)
- Save** (Button)
- Delete** (Button)
- Reset** (Button)
- General Information** (Tab)
- Templates** (Tab)
- Schema** (Tab)
- labelprint** (Form Name)
- Note:** (Text area)
- 270 characters remain** (Text)
- TEMPLATES** (Section Header)
- Search** (Input field)
- +** (Add Template Button)
- File Name** (Column)
- Version** (Column)
- Creat...** (Column)
- Locale** (Column)
- Mast...** (Column)
- Busin...** (Column)
- Lang...** (Column)
- Note** (Column)

Upload Process:

- Click the **+** button in the **TEMPLATES** section.
- Click **Browse...** in the **Add Template** dialog.
- Select **PrintLabel.xdp** in the **Open** file dialog.
- Click **Open** in the **Open** file dialog.
- Click **Add** in the **Add Template** dialog.

Template St...

Create Form

...

Search:

Templates:

Form Name

Number of Templates

No Favorite Forms

labelprint

1

labelprint

Form Detail: labelprint

Save Delete Reset

General Information

Templates

Schema

Form Name:

labelprint

Note:

labelprint

270 characters rema

TEMPLATES

Search

+

	Name	Version	Created	Locale	Master L...	Business...	Language	Note
	PrintL abel	1.0	Dec 1, 2021, 10:30:25 AM				English	

Now the xdp template has been created in ADS

4, Create destination in BTP Cloud foundry Subaccount

a. retrieve the clientid,clientsecret,url,uri in 1

Credentials

xsapname:

12d96d9b-38ed-4a85-ae9f-24219994f424!b114925|ads-xsapname!b102452

subaccountid:

f067bb2b-1b91-4942-98c6-0a071515947e

uaadomain:

authentication.eu10.hana.ondemand.com

zoneid:

f067bb2b-1b91-4942-98c6-0a071515947e

credential-type:

instance-secret

uri:

https://adsrestapi-formsprocessing.cfapps.eu10.hana.ondemand.com

Copy JSON

Download

Close

b.Create destination in BTP Cloud foundry Subaccount

SAP BTP Cockpit

Services

- Service Marketplace
- Instances and Subscriptions
- Cloud Foundry
- HTML5 Applications
- Connectivity
- Destinations**
- Cloud Connectors
- Security
- Users
- Role Collections

SAP Internal - P&T CEE / APJCOE

Subaccount: APJCOE - Destinations

All: 1

[New Destination](#) [Import Destination](#) [Certificates](#) [Download Trust](#) [Download IDP Metadata](#) [Renew Trust](#)

Type	Name	Basic Properties	
HTTP	ads-rest-api	Authentication	BasicAuthentication

Destination Configuration

Name:

Type:

Description:

URL:

Proxy Type:

Authentication:

Use mTLS for token retrieval ☐

Client ID:

Client Secret:

Token Service URL Type: ☒ Dedicated ☐ Common

Token Service URL:

Token Service User:

Token Service Password:

Additional Properties

☒ Use default JDK truststore

[New Property](#)

[Edit](#) [Clone](#) [Export](#) [Delete](#) [Check Connection](#)

Name	ads-rest-api
Type	HTTP
Description	Optional
URL	uri
Proxy Type	Internet
Authentication	OAuth2ClientCredentials
Client ID	clientid in a
Client Secret	clientsecret in a
Token Service URL	url in a + /oauth/token?grant_type=client_credentials
Token Service User	clientid in a
Token Service Password	clientsecret in a

Destination Configuration

Name: * ads-rest-api

Type: HTTP

Description: ads-rest-api

Additional Properties

☒ Use default JDK trust

Use mTLS

Client ID: sb-12d96d9b-38ed-4a85-ae9f-242199...

Client Secret:


Token Service URL Type: * Dedicated Common

Token Service URL: * https://apjcoe-x66183k9.authentication...

Token Service User: sb-12d96d9b-38ed-4a85-ae9f-242199...

Token Service Password:

Check Connection

 Connection to "ads-rest-api" established. Response returned: "401: Unauthorized"

Close

Edit Clone Export Delete Check Connection

The END