Deploying App to Cloud Foundry



Description

In this exercise, you will deploy your job interview travel expense application to Cloud Foundry.

System prerequisites

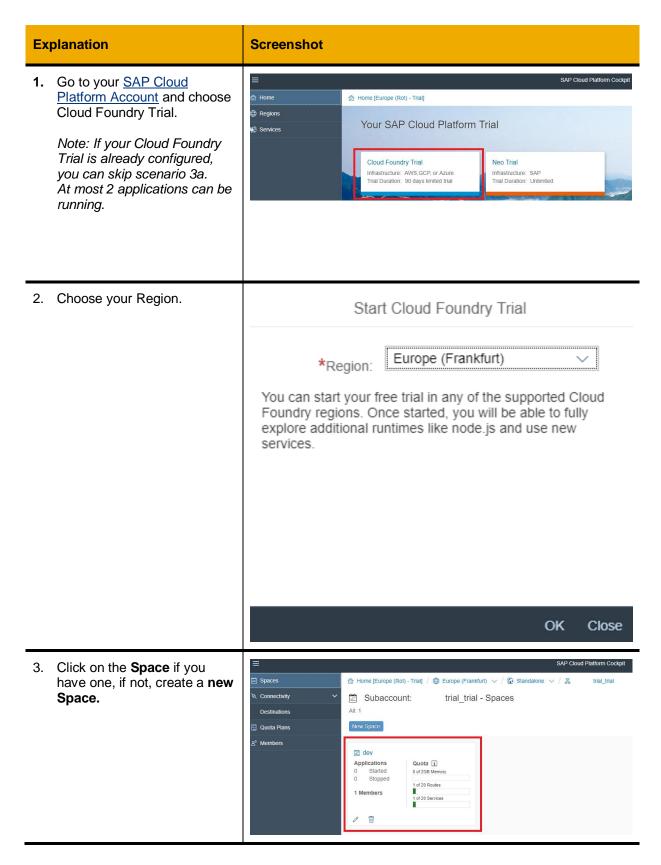
- · Tutorial 1: Consuming API from API HUB
- · Tutorial 2: Developing the API
- · Account on the SAP Cloud Platform
- · Cloud Foundry Command Line Interface version 6.34 or later

Target group

Target group requirements

- Application developers
- · People interested in the SAP Cloud Platform
- · Basic programming skills

Scenario 3a: Onboarding



Scenario 3b: Configuring the project Runtime

Explanation	Screenshot			
Navigate to the folder where your job interview travel expense project is located.	dashboard pages service d.gitattributes d.gitignore CREDITS d.docker-compose.yml LICENSE manifest.yml NOTICE README.md	14-05-18 12:21 14-05-18 12:21 14-05-18 12:26 14-05-18 12:21 14-05-18 12:21 14-05-18 12:21 14-05-18 12:21 14-05-18 12:21 14-05-18 12:21 14-05-18 12:21	File folder File folder File folder Git Attributes Sour Git Ignore Source File Yam! Source File File Yam! Source File File Markdown Source	1 KB 2 KB 5 KB 1 KB 10 KB 1 KB 1 KB 1 KB
Open the manifest.yml with an editor	instances: 1 disk-quota: 256M bidisk-quota: 256M path: service buildpack: https://g stack: cflinuxfs2 env: BUSINESS_HUB_API_K - name: -concur instances: 1 memory: 16M disk_quota: 16M path: dashboard	r-sfsf-web		uildpack.git

3. Set the BUSINESS_HUB_API_KEY to the API_KEY from the tutorial 1.

Note: This is the API Key from Step 11 in Scenario 1a in Tutorial 1

4. Set the name of the services like this:

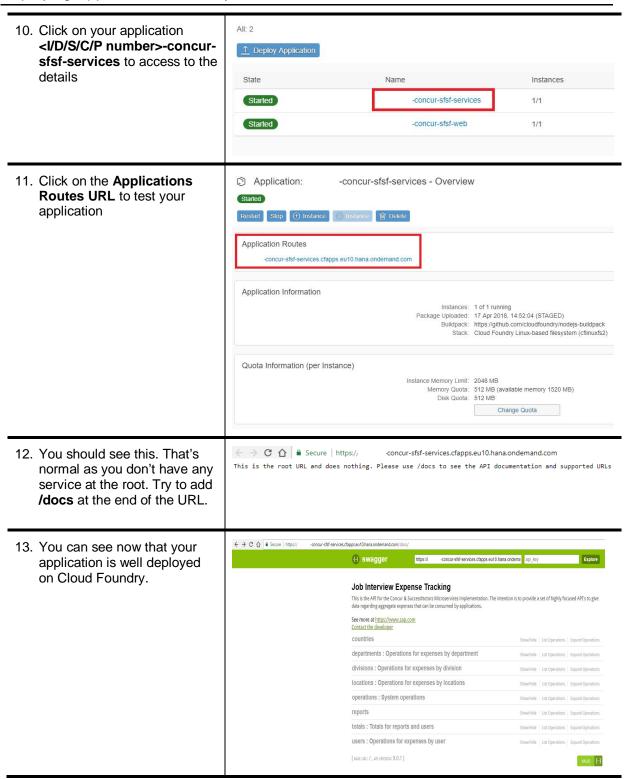
<**P/I/D/S/C number>-concursfsf-service** to ensure the app instance is unique within the landscape.

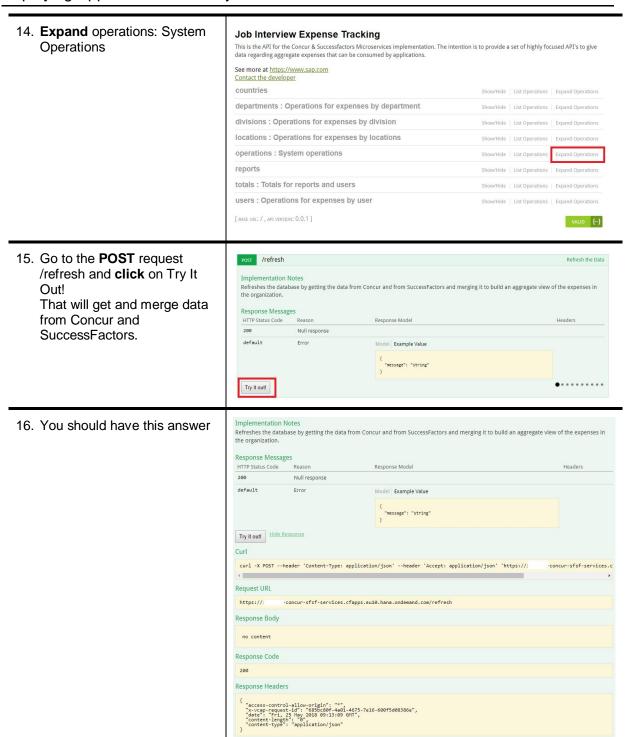
Save the file.

Scenario 3c: Deploying the Application to Cloud Foundry

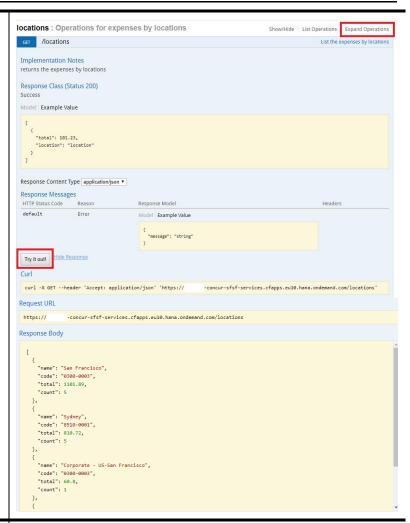
Explana	tion	Screenshot
Foundown here http dry/lif you also dochttp	ou don't have Cloud andry CLI installed, vaload and install from e: ss://github.com/cloudfoun/cli#downloads ou need more information out installation, find the umentation here: ss://docs.cloudfoundry.org	
	en a command line, igate to your project er	C:\Users\\Documents\CoolApps\2018\cloud_sfsf_concur_ext_sample-master>
usir com reg Rep the	ine your API Endpoint ng the Cloud Foundry nmand cf API <your ion="" url=""> blace the region URL with appropriate endpoint n the list</your>	Region URL: US East (VA) running on AWS: https://api.cf.us10.hana.ondemand.com US West (CA) running on Azure: https://api.cf.us20.hana.ondemand.com Europe (Frankfurt) running on AWS: https://api.cf.eu10.hana.ondemand.com Additional regions can be find here: https://help.sap.com/viewer/65de2977205c403bbc107264b8eccf4b/Clo ud/en-US/350356d1dc314d3199dca15bd2ab9b0e.html :\users\unders\
with This for a ass	in to the Cloud Foundry the command cf login s command will ask you the email and password ociated with your SAP ud Platform account	C:\Users\\Documents\CoolApps\2018\cloud_sfsf_concur_ext_sample-master cf login PI endpoint: https://api.cf.eu10.hana.ondemand.com cassword> cuthenticating K cargeted org cassastrial_trial cargeted space dev PI endpoint: https://api.cf.eu10.hana.ondemand.com (API version: 2.108.0) cassword> cuthenticating k cargeted space dev

5. Before deploying the UI app check your CLOUD_FOUNDRY_API_E **NDPOINT** in the ExpensesModel.js file. Append the url with your <I/D/S/C/P number> and check your region. // one way as we do not push changes from this.setDefaultBindingMode(BindingMode.On You should have this: var CLOUD FOUNDRY_API_ENDPOINT = "https://<your</pre> /P/S/U number>-concur-sfsf region>. hana. ondemand. com" 6. Now you can deploy the application to Cloud Foundry. Use cf push in the command line 7. From SAP Cloud Platform account, go to Cloud Your SAP Cloud Platform Trial Foundry Trial Cloud Foundry Trial Infrastructure: AWS,GCP, or Azure Trial Duration: 90 days limited trial Infrastructure: SAP Trial Duration: Unlimited 8. Click on you space. In the example illustrated on the trial_trial right, "dev" is the space. Subaccount: trial_trial - Spaces All: 1 New Space ₫ dev Applications
0 Started
0 Stopped Quota i 0 of 2GB Memor 1 of 20 Routes of 20 Services You can find the applications \triangleq Home [Europe (Rot) - Trial] / \oplus Europe (Frankfurt) \lor / $\textcircled{$\mathbb{R}$}$ Standalone \lor / \not you deployed from the CLI Space: dev - Applications here All: 2 1/1





17. You can now test other operations. Click on Try It Out!



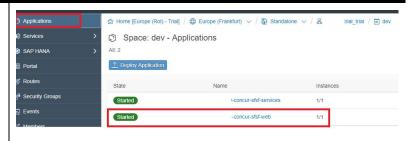
/locations in the end of your application url.
https://<your I/D/S/C/P
number>-concur-sfsf-

18. You can also test adding

https://<your I/D/S/C/P number>-concur-sfsfservices.cfapps.<Your region>.hana.ondemand.com/ locations

19. You can now test your Web application. Go back to your applications (See step 8).

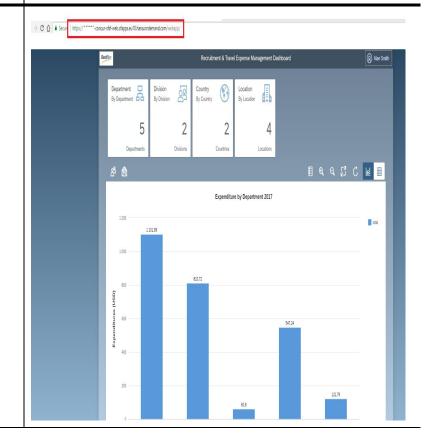
Click on your application <I/D/S/C/P number>-concursfsf-web to access to the details



20. Append your URL with /webapp

https://<your I/D/S/C/P>-concur-sfsf-web.cfapps.<Your region>.hana.ondemand.com/webapp

21. Use this link in a Web Browser, you will see the application.



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