VA 2.3 Step 1 - Provisioning Service Instances to Bluemix via Jenkins Platform

Created by Nguyen Thi Bao Quyen, last modified on Aug 02, 2019

- 1.1 Create an empty CF application (VA application)
- 1.2 Create Service Instances: Set Customer Name from Jenkins
  - 1.2.1 Create service instances provided by Jenkins Job
- 1.3 Create service connection to CF application
  - 1.3.1 Create Conversion Connection
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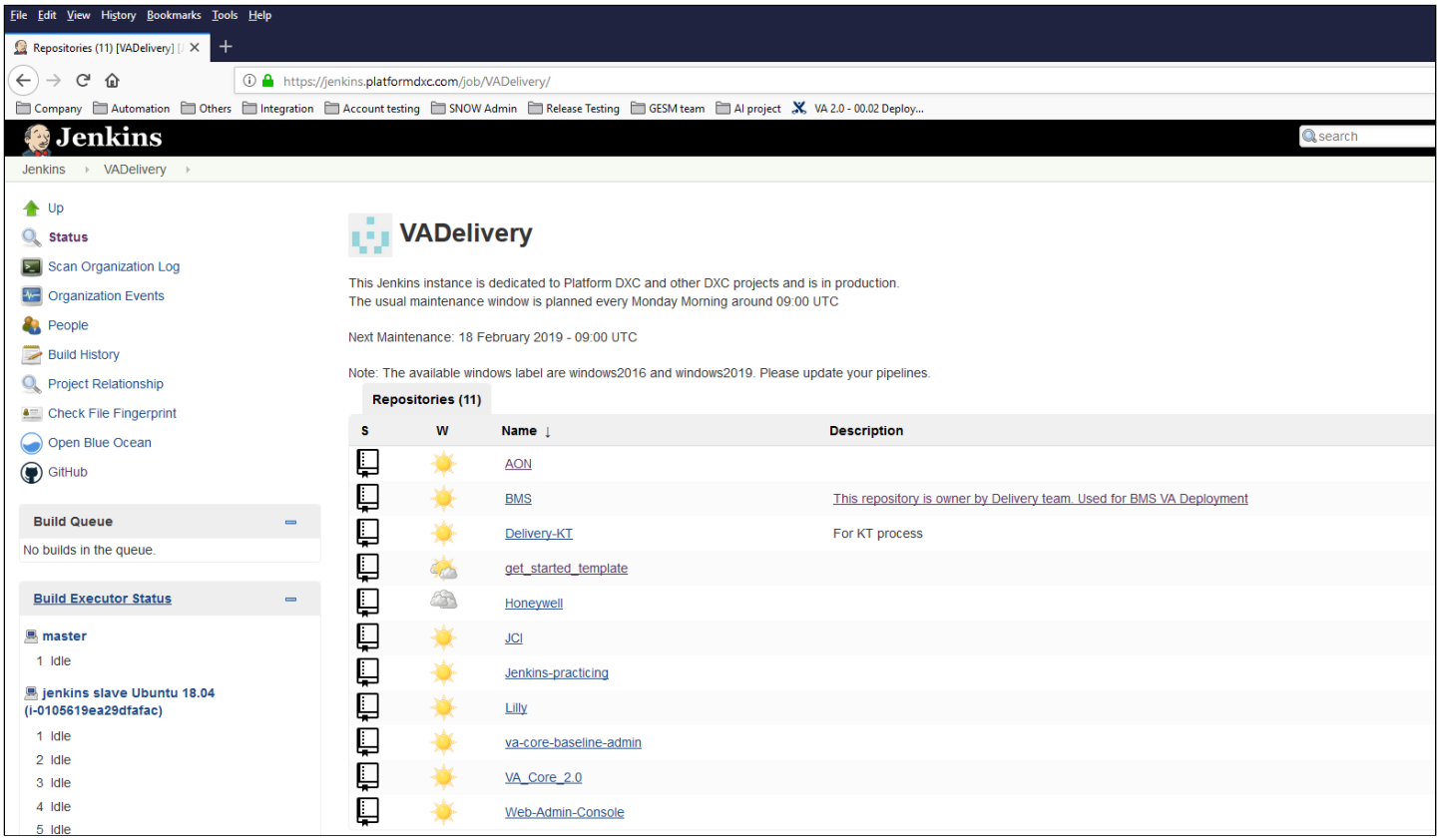
  - 1.3.3 Create 'Log-Analysis' connection
- 1.4 Create catalog in CF application

1.1 Create an empty CF application (VA application)

1.1.1 Access the link https://jenkins.platformdxc.com/job/VADelivery

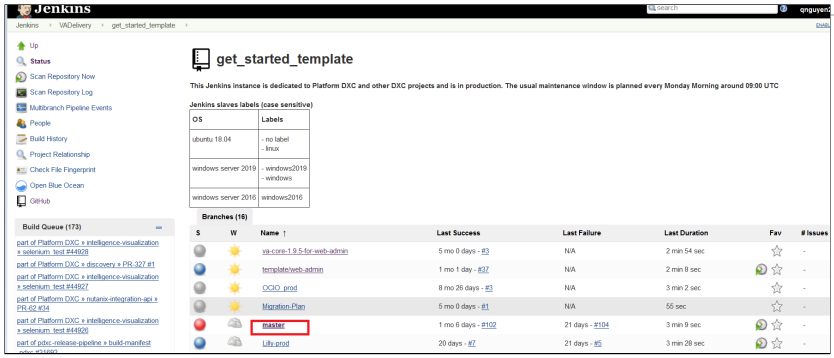


1.1.2 Select "get_started_template"

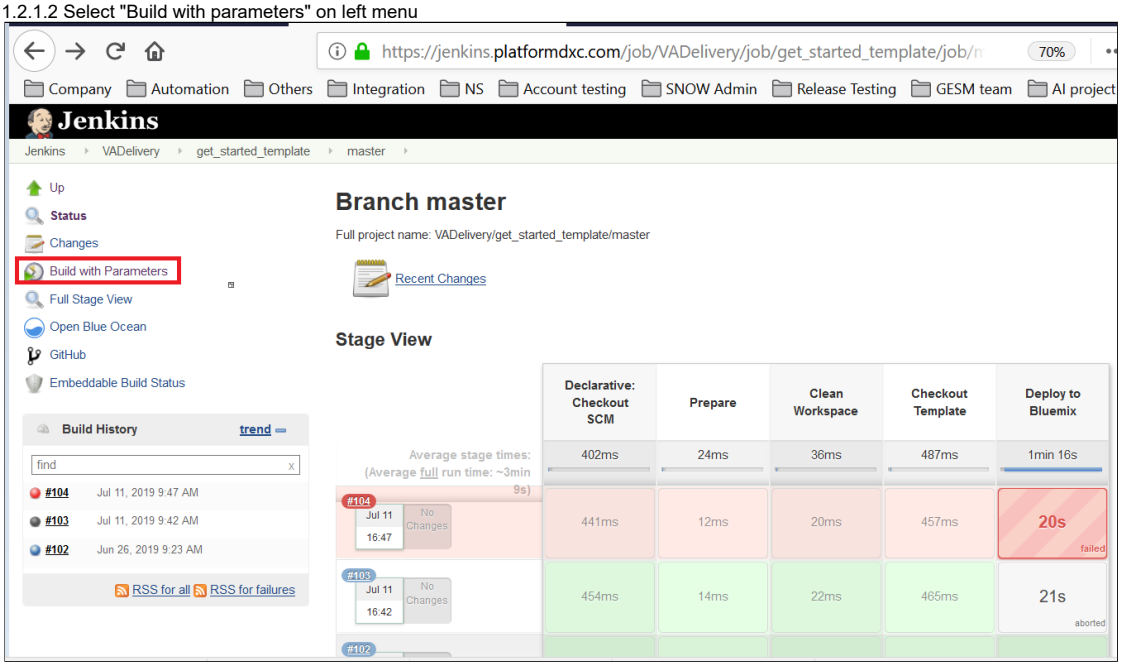
1.2 Create Service Instances: Set Customer Name from Jenkins

1.2.1 Create service instances provided by Jenkins Job

1.2.1.1 Select "master" after step 1.1.2 above



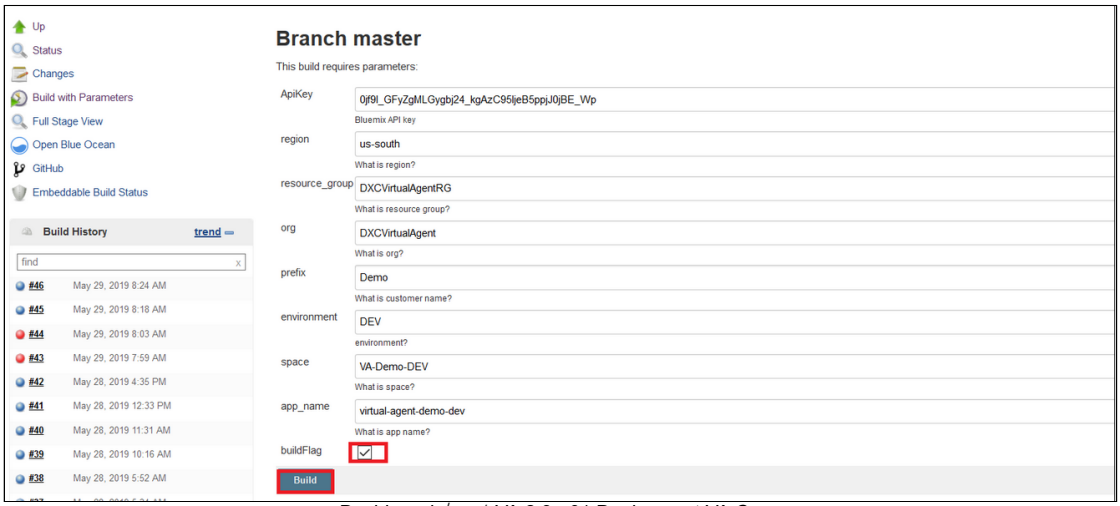
1.2.1.2 Select "Build with parameters" on left menu



1.2.1.3 Enter data on:

- APIKey = your APIKey (*)
- Region = **us-south**
- Resource_Group = your resource group on IBM Bluemix = DXCVirtualAgentRG
- Org= your organization name on IBM Bluemix = DXCVirtualAgent
- Prefix= can put your customer name
- Environment = your environment
- Space= your space on IBM Bluemix: can input as <VA-Customer-Environment>
- App_name= your application name on IBM Bluemix <virtual-agent-Customer-Environment>
  Note: (*)

1. API Key can create via this link https://console.bluemix.net/iam/#/apikeys.
2. You must have manager permission on your Org then your APIKey will have right to create Space.
   If not you should request the person have right to help you create the space (for your environment: Dev, Test, Pro) before you run this step



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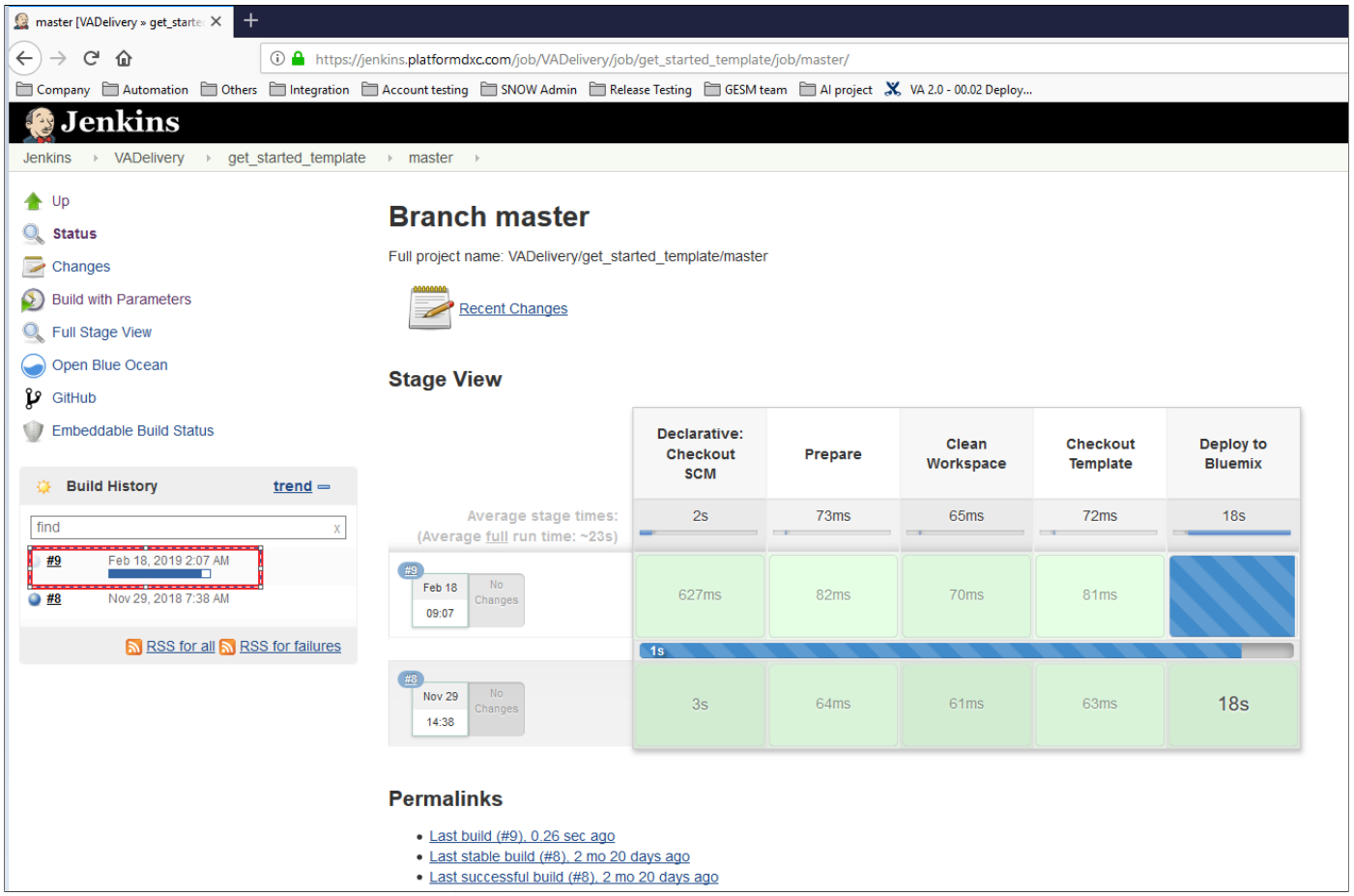
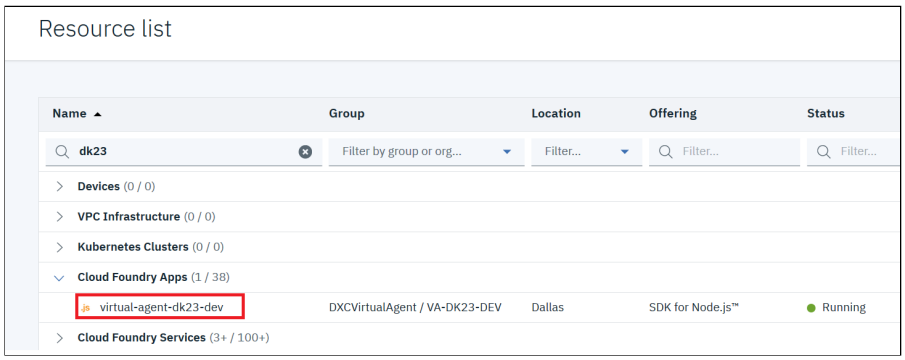
1.2.1.4 Check to 'buildFlag' option and click 'Build' button



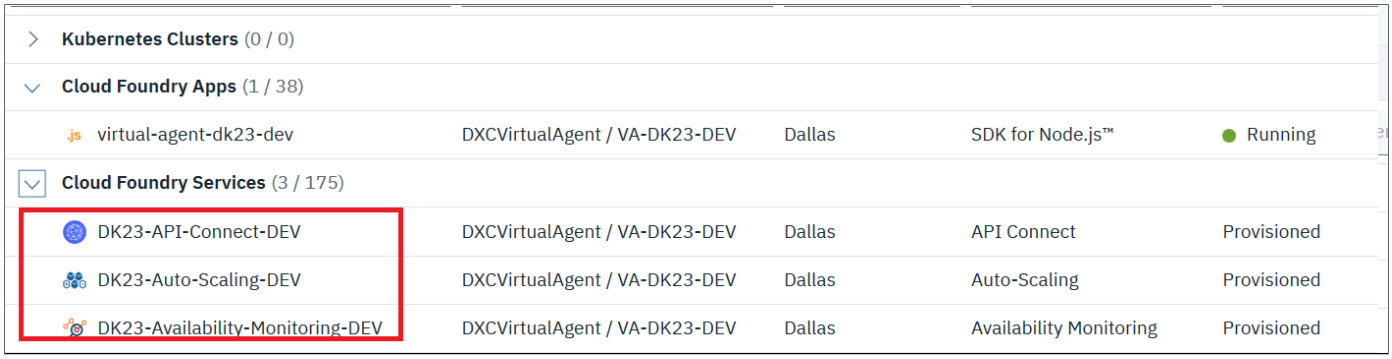
1.2.1.5. Open 'Console Output' in the job (Eg: #9) and check if having 'Finished: SUCCESS' displayed at the end of page, the services are provisioned successfully, if not you can investigate till it is successfully build

1.2.1.6. Switch to Bluemix https://cloud.ibm.com/resources/

Verify if the application name what we have just created, this displayed under 'Cloud Foundry Application', eg:



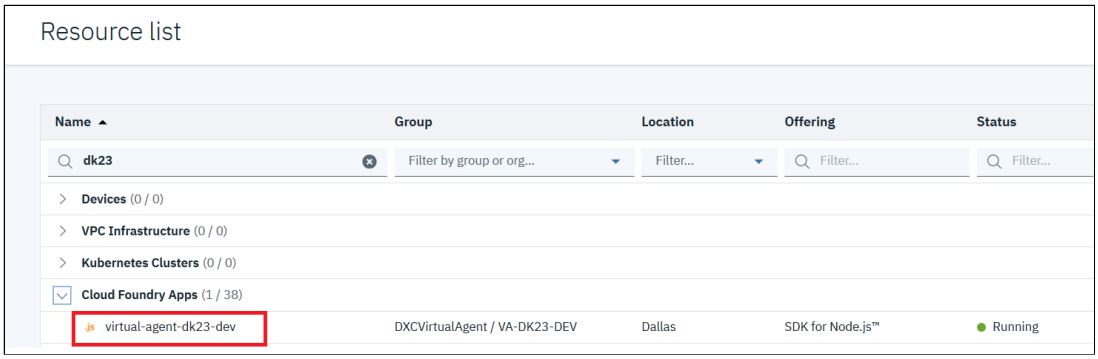
Bluemix services have been generated by Jenkins Job under 'Cloud Foundry Services':



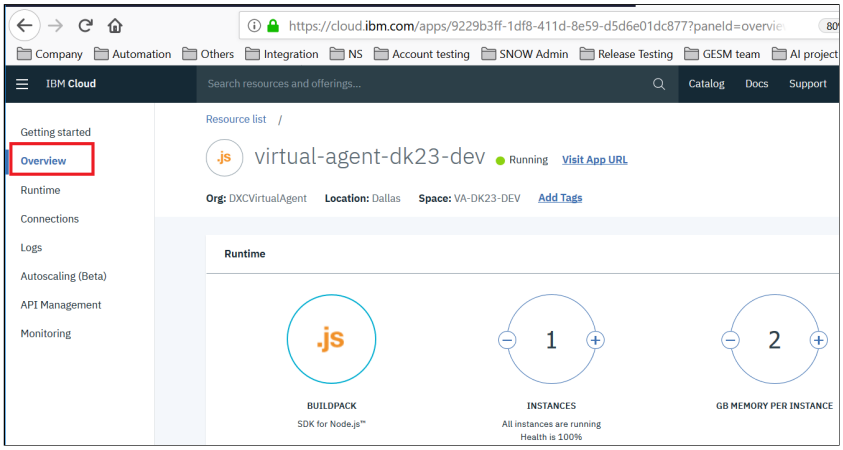
1.3 Create service connection to CF application

1.3.1 Create Conversion Connection

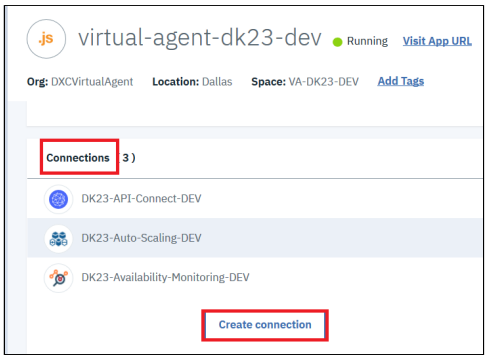
1.3.1.1 Click on the Application name in Bluemix https://cloud.ibm.com/resources with your space and select your application link



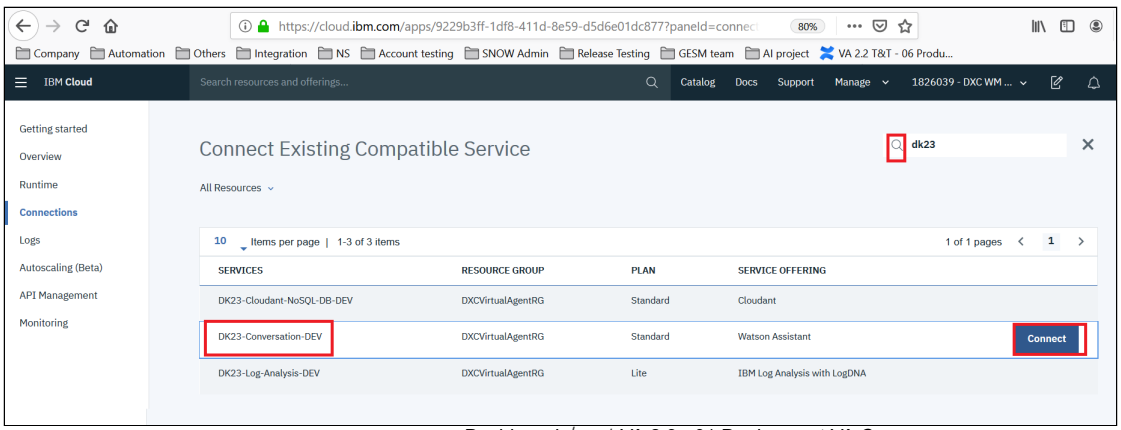
1.3.1.2 Select 'Overview' link of Application name:



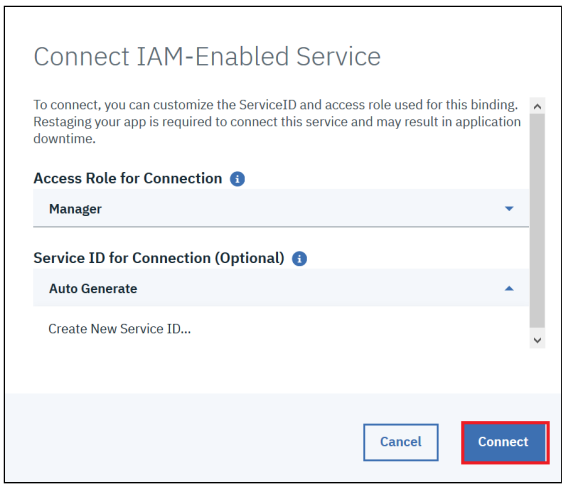
1.3.1.3. Go to 'Connections' area and click on 'Create Connection' button.



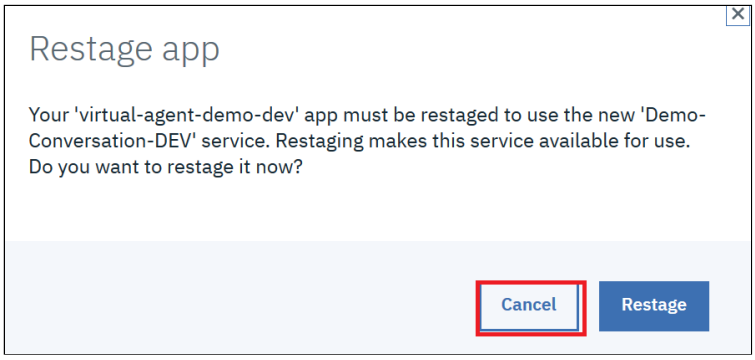
1.3.1.4 'Connect Existing Compatible Service' screen is displayed, we go to search our service name and select 'Connect' for each of these items



1.3.1.5. The popup 'Connect IAM-Enable Service' displayed, we select data **as the screen** below and click 'Connect' button.



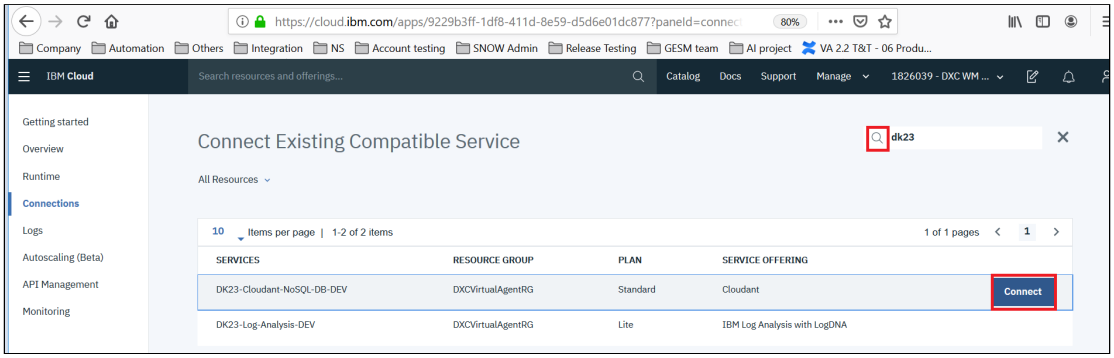
1.3.1.6. Select 'Restage' button if you want to redeploy. If not we select 'Cancel' button

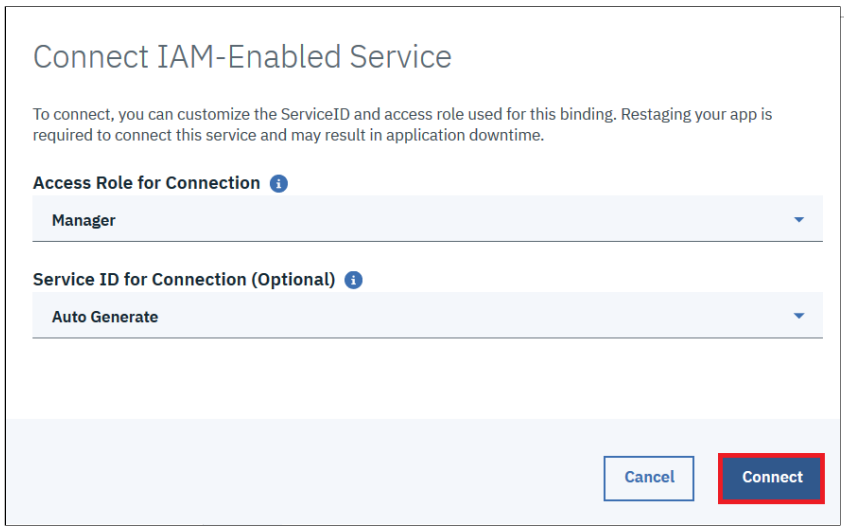


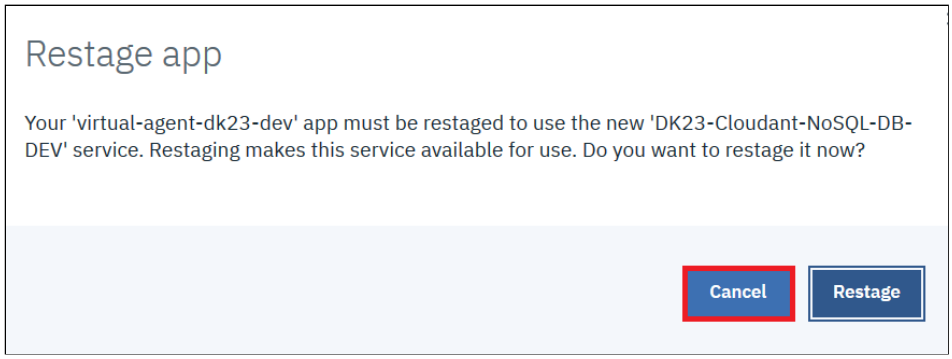
Note: we should choose 'Cancel' in this step

1.3.2 Create 'Cloudant' connection

Do from step 1.3.1.1 to step 1.3.16 to create connection for 'Cloudant'





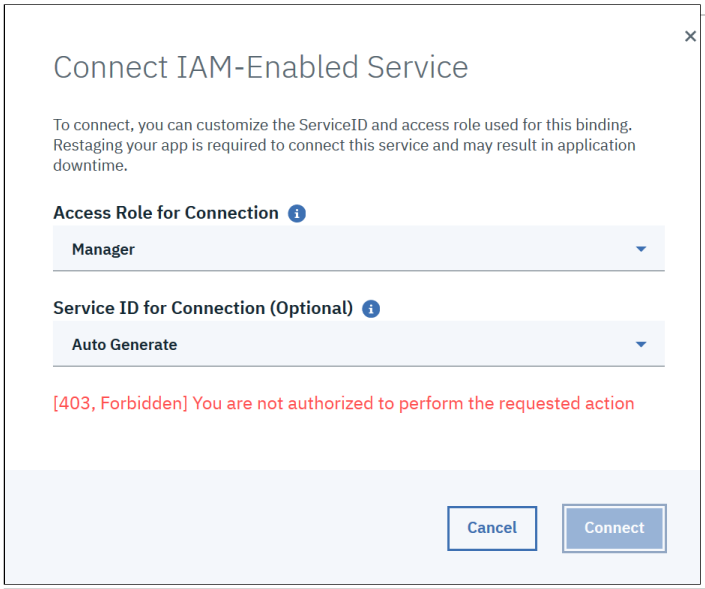


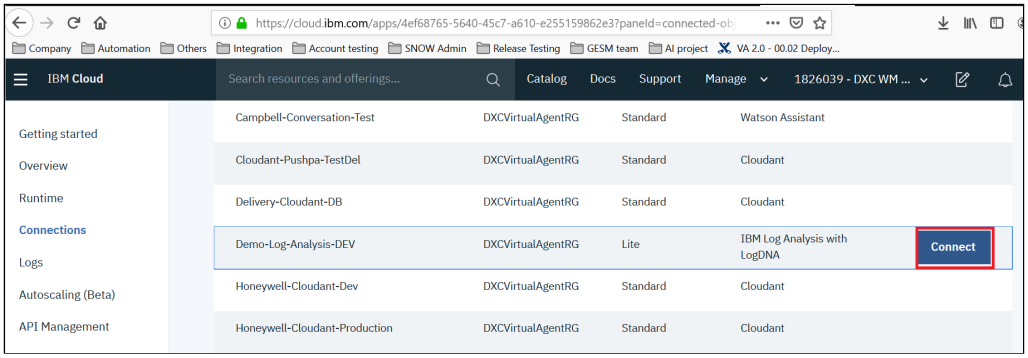
1.3.3 Create 'Log-Analysis' connection

Note: At the moment LogDNA can only be configured for IKS clusters and Linux resources. This is noted on the Geeting Started page of the Log Analysis service. There are plans to make CF apps an available resource for this service in the future so we will waiting till this issue resolved we will create this connection

==> We will ignore this step till, it has been fixed.

https://cloud.ibm.com/docs/services/Log-Analysis-with-LogDNA?topic=LogDNA-getting-started#getting-started If your apps are deployed in an IKS cluster, the following links would ensure your set up is configured correctly. https://cloud.ibm.com/docs/services/Log-Analysis-with-LogDNA?topic=LogDNA-kube#kube
https://cloud.ibm.com/docs/services/Log-Analysis-with-LogDNA?topic=LogDNA-config_agent#config_agent

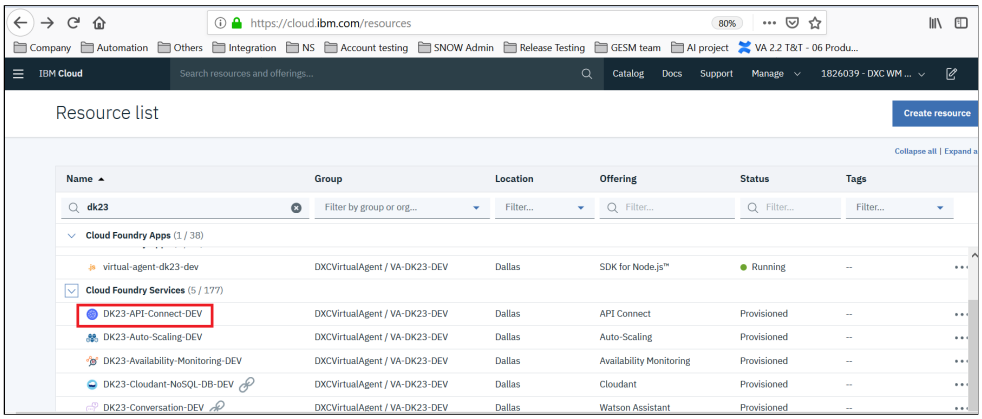




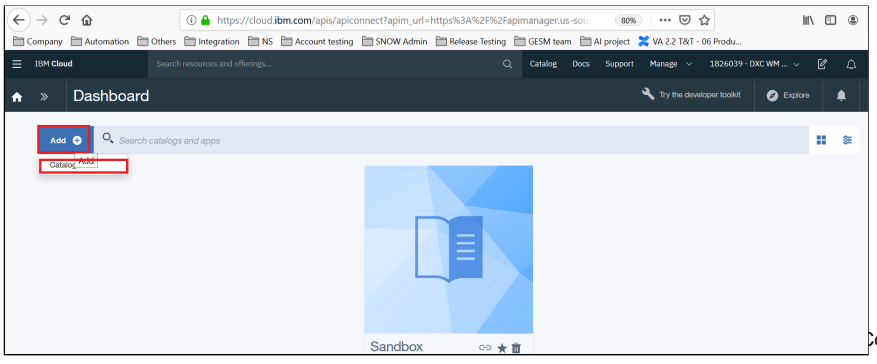
1.4 Create catalog in CF application

1.4.1 Go to Bluemix dashboard with your application then select Resource List

1.4.2 Select your 'API Connect' service under 'Cloud Foundry Services'

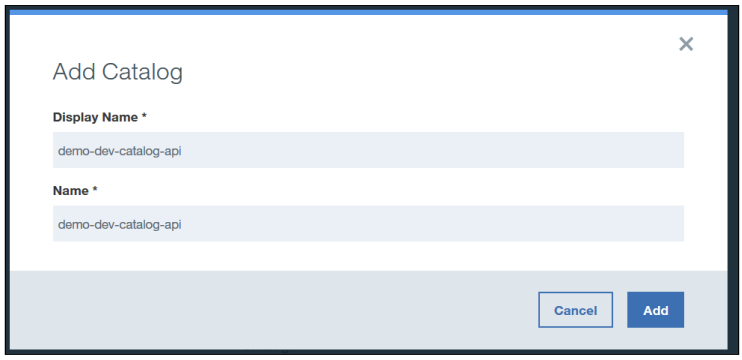


1.4.3 Select Add>Catalog

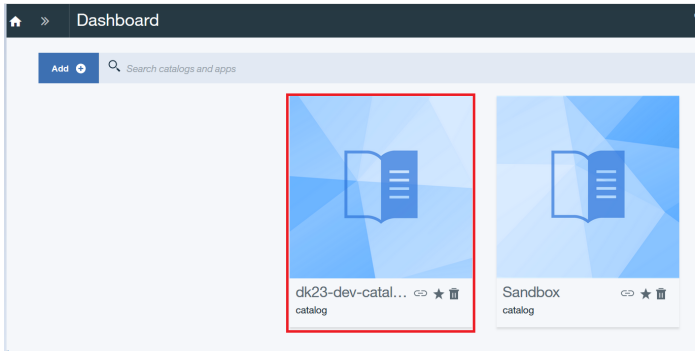


Core

1.4.4 Input data in 'Add Catalog' form then click 'Add' button



1.4.5 After click 'Add' button, ensure the catalog created successfully



No labels