# **Setting up OData connectivity to VDB deployed in Openshift**

1. Created VDB for cst\_smy table



1. Installed EAP Server in Local Machines
2. Copy PostgreSQL driver and module.xml to modules/system/layers/dv/org/postgresql/main



1. Restart local EAP server by running bin/standalone.sh
2. Add PostgreSQL driver

/subsystem=datasources/jdbc-driver=postgresql:add(driver-name=postgresql,driver-module-name=org.postgresql,driver-class-name=org.postgresql.Driver,driver-xa-datasource-class-name=org.postgresql.xa.PGXADataSource)

1. Add PostgreSQL Datasource and enable the Data Source

data-source add --name=PostgreSQL\_Conn --jndi-name=java:/PostgreSQL\_Conn\_DS --connection-url=jdbc:postgresql://xx.xxx.xx.xx:32512/postgres --driver-name=postgresql --user-name=<username> --password=<pwd>

1. Enable the Data Source

data-source enable --name=PostgreSQL\_Conn

1. Check the metadata through OData using below URL

[http://localhost:8080/odata/BankView\_VDB/$metadata](http://localhost:8080/odata/BankView_VDB/%24metadata)



1. Check the data through OData using below URL

<http://localhost:8080/odata/BankView_VDB/PostgreSQL_Conn.cst_smy?$format=json>



1. We are facing issue while accessing VDB deployed on Openshift Pod through OData.



Used openshift-quickstarts-master template from Git and copied model xmi and vdb xml file to

C:\Users\143838\Desktop\openshift-quickstarts-master\datavirt\dynamicvdb-datafederation\app

1. Uploaded datavirt in gitlab
2. Used template for external data source as mentioned in following link

https://dzone.com/articles/jboss-data-virtualization-on-openshift-part-4-bringing-data-inside-the-paas

And Placed the vdb and make changes for external postgresql in the following folders

C:\Users\143838\Desktop\External\_postgresql\_template\External\_postgres\_template\_2-master\extensions



1. Manually copied module.xml and PosgtreSQL deriver to module folder
2. We can see the metadata



1. We are unable to see the data for the VDB deployed in Openshift Pod



1. Please find the log file attached herewith for your reference

