Oracle Banking
Day-0 Setup Guide
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1. Preface

This guide would help you to Setting up Day 0 configuration for OBVAM application. This document steps has to be completed, OBVAM application to run.

1.1 <u>Audience</u>

This document is intended for WebLogic admin or ops-web team who are responsible for installing the OFSS banking products.

1.2 <u>Documentation Accessibility</u>

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.3 <u>Organization</u>

This guide would allow you to setting up data for following in same order:

- Plato Data Configuration
- SMS Data Configuration
- Common Core Data Configuration
- Kafka Configuration
- OBVAM Configuration

2. Plato Day-0 Setup

In this section you are going to setting up Day 0 configuration for PLATO services.

2.1 <u>Pre-requisite</u>

Before you proceed with below setup ensure previous steps are completed and below details are provided to you.

1. Eureka Server Hostname and Port No.
2. Zipkin Server Hostname. To set up please refer Zipkin Server Setup
3. Port No's for Api Gateway, Config Service, SMS, CommonCore and OBVAM application's.

2.2 <u>Day-0 Setup</u>

To setting up Day 0 configuration for **PLATO** below step need to be followed-

1. Connect to the PLATO schema.
2. Open the **PROPERTIES** table, navigate to **Eureka URI configuration** section and change Eureka server URL host name and port no to your Eureka Server URL.
   Example: PROPERTIES (ID,APPLICATION,PROFILE,LABEL,KEY,VALUE) having values (4,'plato-api-gateway','jdbc','jdbc','eureka.client.serviceUrl.defaultZone','http://**HostName**:**PortNo**/plato-discovery-service/eureka');
3. Navigate to **Server port configuration** section and change the port number.
   Example: PROPERTIES (ID,APPLICATION,PROFILE,LABEL,KEY,VALUE) having values (1,'plato-api-gateway','jdbc','jdbc','server.port',**'PortNo'**);
4. Navigate to **Zipkin server configuration** section and change the host name.
   Example: PROPERTIES (ID,APPLICATION,PROFILE,LABEL,KEY,VALUE) having values (94,'plato-api-gateway','jdbc','jdbc','spring.zipkin.baseUrl','http://**HostName**:9411').
5. In the PRODUCT_SERVICE_ENV_LEGDER table under PLATO_UI_CONFIG schema, update the value of the URL column in http://Hostname:portno format. The hostname is host name of the machine and the port number is where the plato-apigateway-service is running.
6. Go to the folder mentioned in the From-Path section of the table. Open the PROPERTIES.INC script and compile the Kafka entries in the schema.

Service Name	From-Path	Compile To
Day 0 setup	DAY0\INCREMENTAL_DB2\PLATO	Plato Schema

3. SMS Day-0 Setup

This part of the document will help you setting up Day 0 configuration set up for SMS. After completing this you would be creating two user (ADMINUSER1 AND ADMINUSER2) with default role. It is recommended to delete created user during this process and create your own user using valid role. Ensure provided user present in LDAP server

3.1   <u>Prerequisites</u>

Before you proceed with below docs ensure SMS Core service installation completed.

4. Common Core Day-0 Setup

This part of the document will help you setting up Day 0 configuration set up for Common Core. After completing this you would be creating one Branch called '**000'**, one Bank called **0000**, System date '**01-APR-18**' and External System called **OBVAM**. It is recommended to delete created data during this process and create your own user using valid data.

4.1 <u>Prerequisite</u>

Before you proceed with below docs ensure Common Core service installation completed.

Note: If you require a virtual account in an external application such as OBPM (Oracle Banking Payments) as available in OBVAM. You must maintain the following as part of the Day-0 Setup. In the CMC_TM_EXT_SYSTEM table, maintain the source system as OBVAM, an external system name, an external system gateway URL, and a valid user available in the external system.

5. Kafka Day-0 Setup

This section helps you setup Day 0 configuration for Pending Transactions in the Statement domain.

5.1 <u>Prerequisite</u>

Before you proceed with the setup, ensure the previous steps are completed.

1. Eureka Server Hostname and Port No.
2. Zipkin Server Host details.
3. Port No's for Api Gateway, Config Service, SMS, CommonCore, and OBVAM application.
4. Kafka Hostname and Port No.
5. Zookeeper Hostname and Port No.

5.2 <u>Kafka Day-0 Setup</u>

To setup Day-0 configuration for PLATO:

1. Connect to PLATO schema, go to the PROPERTIES table.
2. Modify contents of the "VALUE" for the list of projects in a manner specified in point number 3 and 4.
   - OBVAM-ECA-SERVICES
   - OBVAM-ACCOUNT-SERVICES
   - OBVAM-ENTITY-SERVICES
   - OBVAM-TRANSACTION-JOURNAL-SERVICES
   - OBVAM-EXTERNAL-DDA-SERVICES
   - OBVAM-STATEMENT-SERVICES
   - OBVAM-INTERNAL-TRANSFER-SERVICES
   - CMC-COREBANKING-ADAPTER-SERVICE
   - CMC-EXTERNAL-VIRTUAL-ACCOUNT-SERVICES
   - EXTERNAL-INTEREST-ENGINE-SERVICE
   - EXTERNAL-LIQUIDITY-MANAGEMENT-SERVICE

Primary key, Host name, and port number changes as per the specific environment.

3. Change the following configuration details In PROPERTIES table add Kafka Host configuration to respective service. Example: PROPERTIES (ID,APPLICATION,PROFILE,LABEL,KEY,VALUE) having values (2233,'obvam-eca-services','jdbc','jdbc','plato.eventhub.broker.hosts', '10.180.25.96:2181') Modify contents of the "VALUE" column to the hostname and port (host:port) where Kafka is running.
4. Change the following configuration details In PROPERTIES table add Zookeeper Host configuration to respective service. Example: PROPERTIES (ID,APPLICATION,PROFILE,LABEL,KEY,VALUE) having values (2234,'obvam-eca-services','jdbc','jdbc','plato.eventhub.zookeper.hosts', 10.180.25.96:2182'); Modify contents of the "VALUE" column to the hostname and port (host:port) where Zookeeper is running.

6. OBVAM Day-0 Setup

This part of the document will help you setting up Day 0 configuration set up for OBVAM services.

6.1 Prerequisite

Before you proceed with below docs ensure all required schema for OBVAM services created.

6.2 OBVAM Services Day-0 setup

Collect INC mentioned in **From-Path** section in the below table and compile to respective schema

Service Name	From-Path	Steps to Follow	Connect To
obvam-internaltransferservices	DAY0\INCREMENTAL_DB1\DOMAIN\obvam-internal-transfer-services	• Open the EVENT_MASTER and EVENT_MASTER_DETAILS Table Update **x1.x2.x3.x4:1234** With statement domain **Host Name** and **Port No,** update **branchCode** and **userId** with valid user	Virtual Internal Transfer Schema

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