Kafka Configuration Guide
Oracle Banking APIs
Patchset Release 22.1.2.0.0

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Kafka Configuration Guide

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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

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http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking APIs Patchset Release 22.1.2.0.0, refer to the following documents:

- Oracle Banking APIs Installation Manuals

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2. Context

This document contains step to configure kafka notifications for VAM/LM event in the system.

Below JMS changes will be required –

1.   Create NotificationServer under JMS Servers.

2.   Create NotificationServer Module under JMS Modules.

Create below destinations

Name	Type	Description
NOTIFICATION_TOPIC	Topic	Local Notification Topic where message will be routed.
NotificationTCF	Topic Connection Factory	

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3. Kafka properties changes

Below changes are required to point to correct Kafka config. Open war in 7zip tool and go to digx-kafkanotification.war\WEB-INF\lib\com.ofss.extsystem.kafka.notification-22.1.0.0.0-SNAPSHOT.jar\ folder. We have to make changes in application.properties as shown below.

There are separate properties for LM and VAM. In case of multiple entity setup the target.unit property can be changes to new entity and same war can be deployed entity times.

4. Connector changes

This is optional step. If we don't want to keep passwords in above properties file, same can be added to obapi connector resource adapter.

Create below connectors

1. ra/DIGXConnectorOBLM_KAFKA_JAAS

2. ra/DIGXConnectorOBLM_KAFKA_SSL

3. ra/DIGXConnectorOBVAM_KAFKA_JAAS

4. ra/DIGXConnectorOBVAM_KAFKA_SSL

ra/DIGXConnectorOBLM_KAFKA_JAAS	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorOBLM_KAFKA_SSL	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorOBSCF	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorOBTFPM_14.3	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorOBVAM	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorOBVAM_KAFKA_JAAS	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorOBVAM_KAFKA_SSL	javax.resource.cci.ConnectionFactory
ra/DIGXConnectorREWARDS	javax.resource.cci.ConnectionFactory

i. EIS User Name - OBVAM_KAFKA_SSL, EIS User Password - <<password here>>

ii. EIS User Name - OBVAM_KAFKA_JAAS, EIS User Password - <<password here>>

iii. EIS User Name - OBLM_KAFKA_JAAS, EIS User Password - <<password here>>

iv. EIS User Name - OBLM_KAFKA_SSL, EIS User Password - <<password here>>

Default	OBVAM_KAFKA_SSL	ra/DIGXConnectorOBVAM_KAFKA_SSL
Default	OBVAM_KAFKA_JAAS	ra/DIGXConnectorOBVAM_KAFKA_JAAS
Default	OBLM_KAFKA_JAAS	ra/DIGXConnectorOBLM_KAFKA_JAAS
Default	OBLM_KAFKA_SSL	ra/DIGXConnectorOBLM_KAFKA_SSL

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