Kafka Configuration Guide Oracle Banking APIs Patchset Release 22.2.3.0.0

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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**

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 Access to Oracle Support

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http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit

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 22.2.3.0.0, refer to the following documents:

Oracle Banking APIs Installation Manuals

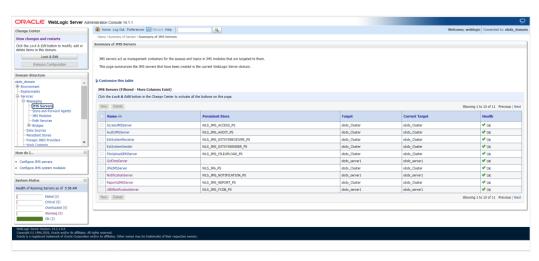


2. Context

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

Below JMS changes will be required -

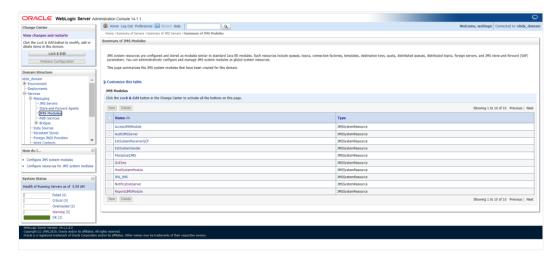
1. Create NotificationServer under JMS Servers.



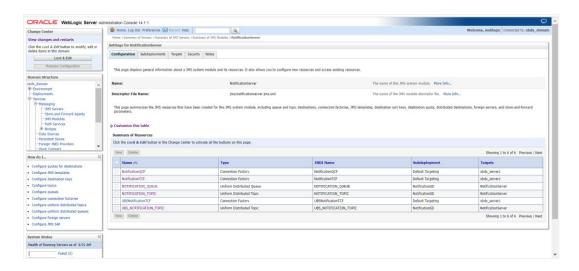
2. Create NotificationServer Module under JMS Modules.

Create below destinations

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



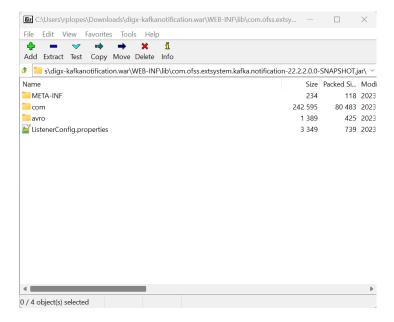




3. Kafka properties changes

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.X.X.0.0-SNAPSHOT.jar\ folder. We have to make changes in ListenerConfig.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.





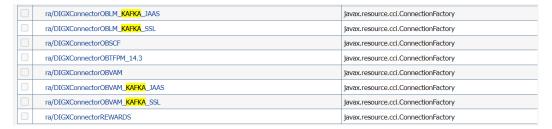
```
📙 ListenerConfig.properties 🗵
       kafka.vam.bootstrap-servers=100.76.149.218:9093
       #kafka.vam.configuration.ssl.truststore.location=C:/Users/rplopes/Documents/work/documents/sprint/accountaccess
      /kafka/KafkaClientTrustStore.jks
kafka.vam.configuration.ssl.truststore.location=/scratch/app/domain/obdx_domain/KafkaClientTrustStore.jks
      kafka.vam.configuration.ssl.truststore.password=orcl@123
kafka.vam.consumer.group-id=obdx-vam-auto-map-group
       kafka.vam.consumer.topic.name=vam.virtualaccountnotification
       kafka.vam.configuration.security.protocol=SASL_SSI
       kafka.vam.configuration.sasl.mechanism=SCRAM-SHA-256
      kafka.vam.properties.sasl.jaas.config.username=obvam
kafka.vam.properties.sasl.jaas.config.password=obvam-secret
      kafka.vam.properties.auto.offset.reset=latest
kafka.vam.properties.auto.commit.interval.ms=1000
      kafka.vam.properties.session.timeout.ms=30000
       kafka.vam.properties.enable.auto.commit=false
      kafka.vam.client-id-obdx
       kafka.vam.properties.poll.time.ms=100
      kafka.enable.vam.config=true
      kafka.lm.bootstrap-servers=100.76.149.218:9093
      #kafka.lm.configuration.ssl.truststore.location=C:/Users/rplopes/Documents/work/documents/sprint/accountaccess/kafka/OBLMclientTrust_142.jks
      kafka.lm.configuration.ssl.truststore.location=/scratch/app/domain/obdx_domain/OBLMclientTrust_142.jks
kafka.lm.configuration.ssl.truststore.password=orcl@123
      kafka.lm.consumer.group-id=obdx-lm-auto-map-group
       kafka.lm.consumer.topic.name=lm.accountnotification
      kafka.lm.configuration.security.protocol=SASL SSL
       kafka.lm.configuration.sasl.mechanism-SCRAM-SHA-256
       kafka.lm.properties.sasl.jaas.config.username=alice
      kafka.lm.properties.sasl.jaas.config.password=alice-secret
kafka.lm.properties.auto.offset.reset=latest
      kafka.lm.properties.auto.commit.interval.ms=1000
       kafka.lm.properties.session.timeout.ms=30000
      kafka.lm.properties.enable.auto.commit=falsekafka.lm.properties.poll.time.ms=100
      kafka.enable.lm.config=false
      kafka.ver.bootstrap-servers=100.76.149.218:9093
      #kafka.ver.configuration.ssl.truststore.location=C:/Users/rplopes/Documents/work/documents/sprint/accountaccess
/kafka/KafkaClientTrustStore.jks
      #kafka.ver.configuration.ssl.truststore.location=/scratch/obdx/domains/KafkaClientTrustStore.jks
kafka.ver.configuration.ssl.truststore.location=/scratch/app/obdx/domains/obdx_domain/KafkaClientTrustStore.jks
      kafka.ver.configuration.ssl.truststore.password=orcl@123
      kafka.ver.consumer.group-id=obdx-ver-auto-map-group
        length: 3,349 lines: 61
                                                Ln:43 Col:33 Pos:2,526
                                                                                                   Windows (CR LF) UTF-8
```

4. Connector changes

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

Create below connectors

- ra/DIGXConnectorOBLM KAFKA JAAS
- 2. ra/DIGXConnectorOBLM_KAFKA_SSL
- 3. ra/DIGXConnectorOBVAM_KAFKA_JAAS
- 4. ra/DIGXConnectorOBVAM_KAFKA_SSL



- i. EIS User Name OBVAM_KAFKA_SSL, EIS User Password <<password here>>
- ii. EIS User Name OBVAM_KAFKA_JAAS, EIS User Password <<p>here>>
- iii. EIS User Name OBLM_KAFKA_JAAS, EIS User Password <<pre>password here>>



iv. EIS User Name - OBLM_KAFKA_SSL, EIS User Password - <<pre>>>

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

Home

