

Kafka Configuration Guide
Oracle Banking Digital Experience
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Kafka Configuration Guide

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1. Preface

1.1 Purpose

Welcome to the User Guide for Oracle Banking Digital Experience. This guide explains the operations that the user will follow while using the application.

1.2 Audience

This manual is intended for Customers and Partners who setup and use Oracle Banking Digital Experience.

1.3 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>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit, <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 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1.6 Conventions

The following text conventions are used in this document:

Convention	Meaning
------------	---------

boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>Italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1.7 **Screenshot Disclaimer**

The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

1.8 **Acronyms and Abbreviations**

The list of the acronyms and abbreviations that you are likely to find in the manual are as follows:

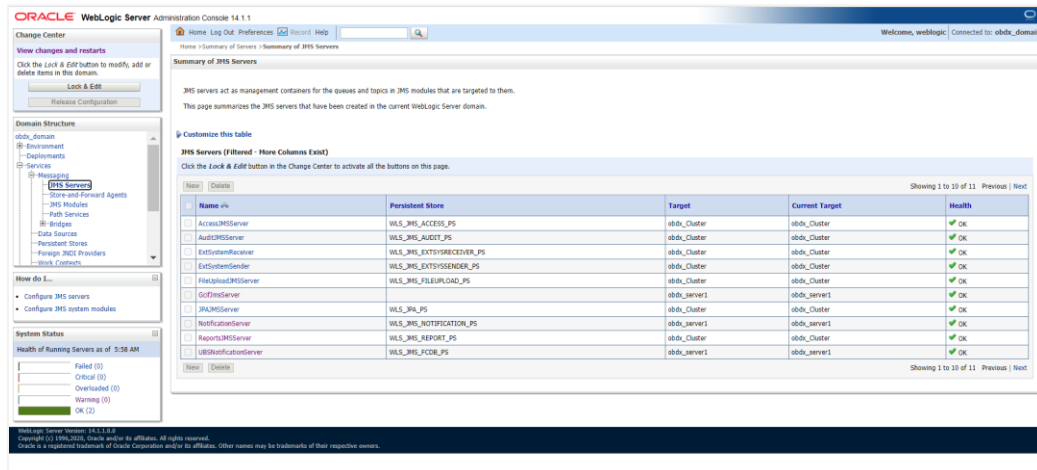
Abbreviation	Description
OBDX	Oracle Banking Digital Experience

2. Context

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

Below JMS changes will be required –

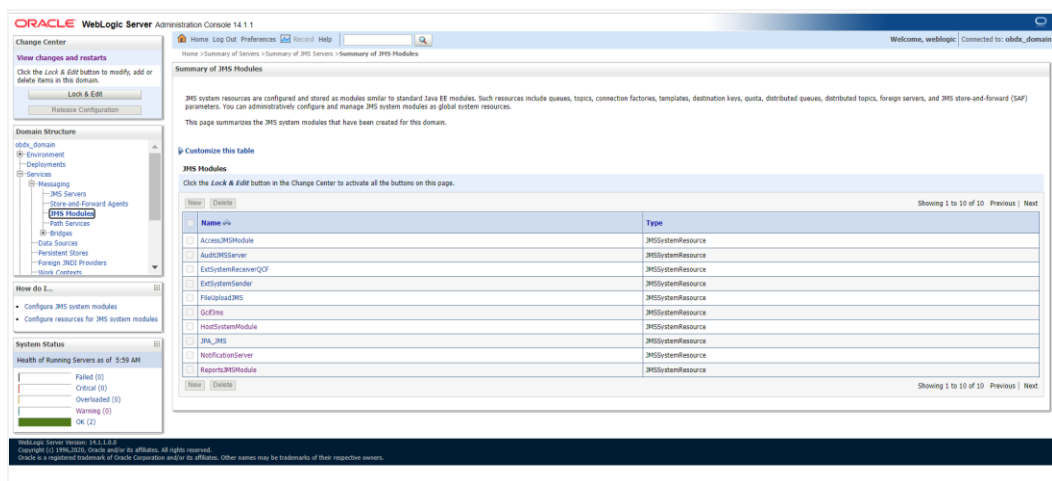
1. Create NotificationServer under JMS Servers.



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	



Oracle WebLogic Server Administration Console 14.1.1

Change Center

View changes and restarts

Click the Lock & Edit button to modify, add or delete items in this domain.

Lock & Edit

Release Configuration

Domain Structure

obdx_domain

- Environment
- Deployments
- Services
 - Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Both Services
 - Bridges
 - Data Services
 - Persistent Stores
 - Foreign JMS Providers
 - Work Flows

How do I...

- Configure queues for destinations
- Configure JMS templates
- Configure destination keys
- Configure topics
- Configure queues
- Configure connection factories
- Configure uniform distributed topics
- Configure uniform distributed queues
- Configure foreign servers
- Configure JMS SAs

System Status

Health of Running Servers as of 5:03 AM

Failed (0)

Settings for NotificationServer

Configuration Subdeployments Targets Security Notes

This page displays general information about a JMS system module and its resources. It also allows you to configure new resources and access existing resources.

Name: NotificationServer The name of this JMS system module. [More Info...](#)

Descriptor File Name: jms/notificationserver-jms.xml The name of the JMS module descriptor file. [More Info...](#)

This page summarizes the JMS resources that have been created for this JMS system module, including queue and topic destinations, connection factories, JMS templates, destination sort keys, destination quota, distributed destinations, foreign servers, and store-and-forward parameters.

Customize this table

Summary of Resources

Click the Lock & Edit button in the Change Center to activate all the buttons on this page.

Name	Type	JMID Name	Subdeployment	Targets
NotificationQCF	Connection Factory	NotificationQCF	Default Targeting	obdx_server1
NotificationTCF	Connection Factory	NotificationTCF	Default Targeting	obdx_server1
NOTIFICATION_QUEUE	Uniform Distributed Queue	NOTIFICATION_QUEUE	NotificationSD	NotificationServer
NOTIFICATION_TOPIC	Uniform Distributed Topic	NOTIFICATION_TOPIC	NotificationSD	NotificationServer
UBSNotificationTCF	Connection Factory	UBSNotificationTCF	Default Targeting	obdx_server1
UBS_NOTIFICATION_TOPIC	Uniform Distributed Topic	UBS_NOTIFICATION_TOPIC	NotificationSD	NotificationServer

Showing 1 to 6 of 6 Previous Next

3. Kafka properties changes

Kafka properties are moved to DIGX_FW_CONFIG_ALL_B table. Bank needs to update kafka details in this table. If SSL is not used these properties can be deleted from table. Once application server is started look for any errors related to Kafka to make sure it is connected successfully. For more granular logs, log level of com.ofss.digx.infra.events.kafka.consumer.AvroConsumer class can be changed to DEBUG.

select * from digx_fw_config_all_b where category_id = 'KAFKA_CONFIG';

```
select * from obdx_trunk01.digx_fw_config_all_b where category_id = 'KAFKA_CONFIG';
```

```
select * from obdx_trunk01.digx_fw_config_all_b where category_id = 'KAFKA_CONFIG';
```

Query Result 1 x Query Result 2 x Query Result 3 x Script Output x Query Result 4 x

All Rows Fetched: 77 in 0.124 seconds

PROP_ID	CATEGORY_ID	PROP_VALUE
68 van.virtualaccountnotification\$auto.commit.interval.ms	KAFKA_CONFIG	1000
69 van.virtualaccountnotification\$auto.offset.reset	KAFKA_CONFIG	latest
70 van.virtualaccountnotification\$bootstrap.servers	KAFKA_CONFIG	100.76.149.218:9093
71 van.virtualaccountnotification\$enable.auto.commit	KAFKA_CONFIG	false
72 van.virtualaccountnotification\$zookeeper.connect	KAFKA_CONFIG	org.apache.kafka.common.security.scram.ScramLoginModule required username="obvsm" password="obvsm-secret";
73 van.virtualaccountnotification\$zookeeper.session.timeout.ms	KAFKA_CONFIG	30000
74 van.virtualaccountnotification\$zookeeper.sync.timeout.ms	KAFKA_CONFIG	30000
75 van.virtualaccountnotification\$zookeeper.session.timeout.ms	KAFKA_CONFIG	30000
76 van.virtualaccountnotification\$zookeeper.session.timeout.ms	KAFKA_CONFIG	30000
77 van.virtualaccountnotification\$zookeeper.session.timeout.ms	KAFKA_CONFIG	30000