

Oracle® Banking Microservices Architecture

ANNEXURE - 3



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

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Purpose

This guide is a supporting document for the installation of Oracle Banking Microservices Architecture applications. The user can find the reference in the respective installation guides.

Audience

This guide is intended for WebLogic admin or ops-web team who are responsible for installing OFSS Banking Products.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1 Acronyms and Abbreviations

Abbreviation	Description
JDBC	Java Database Connectivity
JNDI	Java Naming and Directory Interface

List of Topics

This guide is organized as follows:

Table 2 List of Topics

Topics	Description
Errors / Exceptions on Flyway Deployment	This topic provides the information about errors/exceptions that can occur due to flyway while deployment.

Table 2 (Cont.) List of Topics

Topics	Description
Solution for Errors/Exceptions	This topic provides the information about solution for errors/exceptions.

Related Documents

For more information, refer to the following documents:

- [Product Installation Guide](#)

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Errors / Exceptions on Flyway Deployment

This topic describes about errors / exceptions that can occur due to flyway while deployment.

The error description is given below:

```
org.springframework.beans.factory.UnsatisfiedDependencyException:  
Error creating bean with name 'application': Unsatisfied dependency  
expressed through field 'flywayApplicationConfig'; nested exception is  
org.springframework.beans.factory.BeanCreationException: Error creating  
bean with name 'executeDomain' defined in class path resource  
[oracle/fsgbu/plato/flyway/FlywayConfig.class]: Bean instantiation via  
factory method failed; nested exception...SQL State : 42000
```

In the error, the bean-name can be any of the following:

- **executeDomain**
- **executePlato**
- **executePlatoSec**
- **executePlatoUI**
- **executeSms**
- **executeCmc**
- **executeMidofcmc**
- **executePlatofeed**
- **executePlatobatch**
- **executePlatoorch**

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Solution for Errors/Exceptions

This topic describes about the solution for errors/exceptions on flyway deployments.

- At first for each case,, the service through Plato-configuration-service should be checked to see if it is suggesting the correct scheme via the **plato-config-service**.
- After checking that it is to be ensured for that particular APPLICATION, the following entries are present in the PROPERTIES table in the plato Schema.

Table 2-1 Properties Table

BEAN	PROPERTY_SET NEED TO BE PRESENT
executeDomain	flyway.domain.db.*
executePlato	flyway.plato.db.*
executePlatoSec	flyway.platosec.db.*
executePlatoUI	flyway.platoui.db.*
executeSms	flyway.sms.db.*
executeCmc	flyway.cmc.db.*
executeMidofcmc	flyway.domain.db.*
executePlatofeed	flyway.platofeed.db.*
executePlatobatch	flyway.platobatch.db.*
executePlatoorch	flyway.platoorch.db.*

Depending on whether for the flyway db connection, JNDI name is being used or the JDBC URL and other details are used, each property set will look as follows:

CASE 1: USING JDBC

```
flyway.domain.db.username  
flyway.domain.db.password  
flyway.domain.db.jdbcUrl  
flyway.domain.db.driver-class-name  
flyway.domain.schemas  
flyway.domain.locations  
flyway.domain.placeholderReplacement  
flyway.domain.ignoreMissingMigrations  
flyway.domain.outOfOrder
```

CASE 2: USING JNDI

```
flyway.domain.db.jndi  
flyway.domain.schemas  
flyway.domain.locations  
flyway.domain.placeholderReplacement  
flyway.domain.ignoreMissingMigrations
```

```
flyway.domain.outOfOrder  
flyway.jndi.datasource.enabled
```

In each case, make sure that all the relevant placeholders are available in the scripts in the respective locations.

Error Description:

No value provided for placeholder: \${eureka.host}. Check your configuration!

In the example above, an error occurred due to the absence of passing the following parameter in the properties table:

```
flyway.domain.placeholders.eureka.host
```

Solution:

Similarly, any placeholder where the error occurred must pass to the environment through the properties table or the command line arguments (as `-D` parameters).

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