

Oracle® Banking Trade Finance Process Management Services Installation Guide



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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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Purpose

This guide would help you to configure Trade related services on designated environment. It is assumed that all the prior setup is already done related with WebLogic 14C installation, Web Logic managed server creation and Oracle DB installation. It is recommended to use dedicated managed server for each of the Plato infrastructure services.

Audience

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

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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.

Organization

This installation user guide would allow you to install following services in same order:

Plato	<ul style="list-style-type: none"> • Web Logic System environment settings • Plato Config Service • Plato Discovery Service • Plato API Gateway Service • Plato UI Config Service • Plato O (Conductor) • Plato Orch Service • Plato Coherence • Plato Transport • Plato Alerts Management • Plato Batch • Plato Feed • Plato Regional Configurator • Plato Rule
SMS	<ul style="list-style-type: none"> • Security Management System Core Service
Common Core	<ul style="list-style-type: none"> • cmc-account-services • cmc-additional-attributes-services • cmc-advice-services • cmc-base-services • cmc-branch-services • cmc-businessoverrides-services • cmc-currency-services • cmc-customer-services

	<ul style="list-style-type: none"> • cmc-datasegment-services • cmc-external-system-services • cmc-limits-collaterals-services • cmc-obrh-service • cmc-report-services • cmc-resource-segment-orchestrator-service • cmc-resourceclass-services • cmc-screenclass-services • cmc-settlements-services • cmc-sla-services • cmc-transactioncontroller-services • cmc-opds-services • cmc-genai-services
Mid Office Common Core	<ul style="list-style-type: none"> • cmc-applicationcategory-services • cmc-checklist-services • cmc-checklistmanagement-services • cmc-comments-services • cmc-document-services • cmc-documentmanagement-services • cmc-mailnotification-services • cmc-priority-services • cmc-processcode-services • cmc-sequencegenerator-services
OBTFPM	<ul style="list-style-type: none"> • obtfpm-adapter-services • obtfpm-ai-integration-services • obtfpm-common-datasegments-services • obtfpm-datasegments-management-services • obtfpm-documentarycollections-datasegments-services • obtfpm-drawings-datasegments-services • obtfpm-extsys-replicated-data-provider-services • obtfpm-gateway-services • obtfpm-guarantees-datasegments-services • obtfpm-letterofcredits-datasegments-services • obtfpm-maintenance-services • obtfpm-orchestrator-services

- obtfpm-rso-maintenance-services
- obtfpm-stage-management-services
- obtfpm-template-services
- obtfpm-utility-services
- obtfpm-shipping-guarantee-services

Related Documents

For more information, you can refer to the following documents:

- Initial Setup Guide
- Oracle Banking Trade Finance Process Management Pre-Installation Guide

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.
<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.

Acronyms and Abbreviations

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

Table 1 Acronyms and Abbreviations

Abbreviation	Description
CMC	Common Core
OS	Operating System
SMS	Security Management System
VM	Virtual Machine

1

Database Setup

This topic contains following sub-topics:

- [Introduction](#)
- [Pre-requisite](#)
- [Execution of Environment Variable](#)

1.1 Introduction

This document details out the order in which the user should carry on the installation process.

1.2 Pre-requisite

Make sure that the below mentioned schema details are available for the deployment.

Sr. No.	Module	Schema Details
1.	Trade	TFPM_ADAPTER
2.	Trade	TFPM_COMMONDS
3.	Trade	TFPM_DOC_COLL
4.	Trade	TFPM_DRAWING
5.	Trade	TFPM_DATA_SEGMENTS
6.	Trade	TFPM_EXT_SYS
7.	Trade	TFPM_GATEWAY
8.	Trade	TFPM_GUARANTEE_DS
9.	Trade	TFPM_LETTER_OF_CREDIT
10.	Trade	TFPM_MAINTENANCE
11.	Trade	TFPM_ORCH
12.	Trade	TFPM_STAGE_MGMT
13.	Trade	TFPM_TEMPLATE
14.	Trade	TFPM_UTITLITY
15.	Trade	TFPM_SHIPPING_GUARANTEE
16.	Trade	TFPM_GENAI

Make sure that the schema user has the below rights:

DB OBJECT	OPERATION					
	CREATE	ALTER	DROP	INSERT	UPDATE	DELETE
TABLE	Y	Y	N	Y	Y	Y
VIEW	NA	NA	NA	NA	NA	NA
SEQUENCE	Y	Y	Y	NA	NA	NA
PACKAGE	NA	NA	NA	NA	NA	NA
PACKAGE BODY	NA	NA	NA	NA	NA	NA
INDEX	Y	Y	Y	NA	NA	NA
SYNONYM	NA	NA	NA	NA	NA	NA
FUNCTION	NA	NA	NA	NA	NA	NA
TRIGGER	NA	NA	NA	NA	NA	NA
TYPE	NA	NA	NA	NA	NA	NA

1.3 Execution of Environment Variable

Change the environment variable configuration and follow the below steps:.

- [Plato Config Service Startup Parametrization](#)
- [Domain Server Parameterization](#)
This topic provides systematic instruction for Domain Server Parameterization.

1.3.1 Plato Config Service Startup Parametrization

This topic contains following sub-topics:

- [Plato Services Deployment](#)
This topic provides systematic instruction for plato services deployment.

1.3.1.1 Plato Services Deployment

This topic provides systematic instruction for plato services deployment.

1. Create a managed server for Plato-Config service and set the service startup parameter.
2. Deploy the other Plato services in another managed server. (Both Plato services and Plato config services should not be deployed in the same managed server).

Follow the below steps to deploy the other Plato services:

- a. Download and install Web Logic Remote Console.
- b. Configure Web Logic Remote Console with Web Logic Host and Port, Username and Password.
- c. Select servers in the "Environment" section.
- d. Choose Runtime Data – Monitoring Tree view in right pane.
- e. Select the managed server (Managed server where the Plato Config Service is deployed).

- f. Start the selected managed server by clicking on “Start” option.

Figure 1-1 Web Logic Remote Console

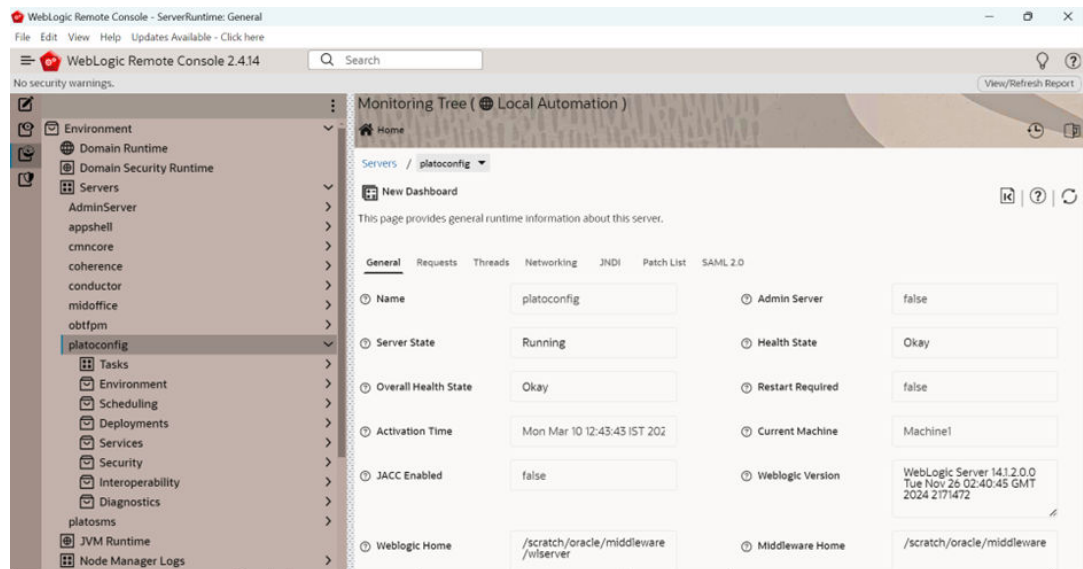
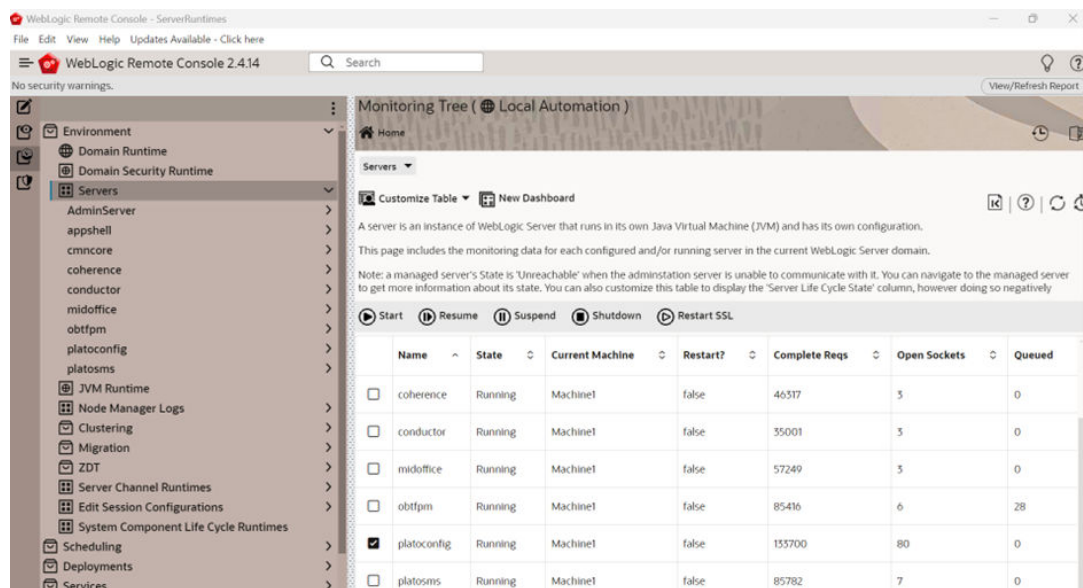


Figure 1-2 Web Logic Remote Console - Servers



1.3.2 Domain Server Parameterization

This topic provides systematic instruction for Domain Server Parameterization.

The below domain server parametrization should be done for all the domain servers which are created in the server where the micro services are going to be deployed.

1. Go to the Web Logic installation path (FMW installation path) in the Web Logic server where the plato, sms, common core, mid office core and OBTfPM services are installed.

2. Go to location : Middleware/Oracle_Home/user_projects/domains/plato_domain/bin.
3. Modify the setDomainEnv.sh file and add the JAVA_OPTIONS parameter as explained below:

```
WLS_MEM_ARGS_64BIT="-Xms512m -Xmx8192m"
```

```
export WLS_MEM_ARGS_64BIT
```

```
JAVA_OPTIONS="{JAVA_OPTIONS} -Dplato.services.config.uri=http://  
whf00ixg.in.oracle.com:7005 -Dplato.service.logging.path=/scratch/Oracle/Middleware/  
Oracle_Home/user_projects/domains/plato_domain/logs -Dplato.service.env=OSDC "
```

```
export JAVA_OPTIONS
```

Note

- a. The above domain server parameterization is not required for the domain where the plato config server is deployed.
- b. The Memory argument parameter needs to be changed based on the service deployment and transaction volume.
- c. In case the Operating system is 32 bit server, it is required to update the variable WLS_MEM_ARGS_32BIT
- d. Update the config service url and plato service logging path as per the deployment configuration.

2

SQLCL Deployment

This topic explains about SQLCL deployment.

- [Prerequisites](#)
This topic describes about the prerequisites for the SQLCL deployment.
- [Required Inputs for plato-sqlcl-deployer](#)
This topic describes about the inputs required for plato-sqlcl-developer.
- [Deployer Folder Structure](#)
This topic describes about the deployer folder structure.
- [Command to Execute Deployer](#)
This topic describes about the command to execute deployer.
- [Deployment Scenarios](#)
- [Post-Deployment Verification](#)
This topic describes about the post-deployment verification.
- [Placeholder Management\(placeholder.properties\)](#)
This topic provides the systematic instructions for placeholder management.
- [Notes/Troubleshooting](#)
This topic describes about the notes and troubleshooting issues.

2.1 Prerequisites

This topic describes about the prerequisites for the SQLCL deployment.

Follow the prerequisites before the SQLCL deployment.

- Linux server with Java 17 and SQLCL version 23+ installed(added to PATH).
- Prepare placeholder.properties with all parameter.* keys used by SQL files; avoid trailing spaces in values.
- If corporate proxies are required, export http(s)_proxy/HTTP(S)_PROXY and NO_PROXY as per the environment.
- Encrypt DB credentials using salt. Keep salt and encrypted values aligned with sqlclconfig.properties.

2.2 Required Inputs for plato-sqlcl-deployer

This topic describes about the inputs required for plato-sqlcl-developer.

The following are the inputs required for plato-sqlcl-developer.

- <service>-<version>-db.zip (from service build).
- sqlclconfig.properties (inside db.zip at db/properties).
- placeholder.properties (at deployer/properties).
- releaseCatalog.json (at deployer/properties).

- setUserOverrides.sh to export env variables for placeholders and DB connection per service.
- Salt and encrypted DB credentials as per security tool kit.

2.3 Deployer Folder Structure

This topic describes about the deployer folder structure.

```
deployer/  
    plato-sqlcl-deployer-10.1.0.jar  
db/  
    <service1>-<ver>-db.zip  
    <service2>-<ver>-db.zip  
    properties/  
    placeholder.properties  
    releaseCatalog.json  
    setUserOverrides.sh
```

2.4 Command to Execute Deployer

This topic describes about the command to execute deployer.

```
# From deployer  
root:cd  
    /path/to/deployer/properties  
    setUserOverrides.shcd  
    /path/to/deployer/path/to/JAVA_HOME/bin/java  
    -jar plato-sqlcl-deployer-10.1.0.jar > deployer_logs.log
```

2.5 Deployment Scenarios

This topic contains the following sub-topics:

- [Greenfield \(New Blank Schema\)](#)
This topic describes about the greenfield(New Blank Schema).
- [Brownfield Upgrade 14.8.0 \(9.6.0\) to 14.8.1 \(10.1.0\)](#)
This topic describes about the brownfield upgrade.
- [Upgrade 14.7.4 \(9.4.0\) to 14.8.1 \(10.1.0\)](#)
This topic describes about upgrade 14.7.4 (9.4.0) to 14.8.1 (10.1.0).
- [Upgrade 14.8.0.x \(9.6.x\) to 14.8.1 \(10.1.0\)](#)
This topic describes about the upgrade 14.8.0.x (9.6.x) to 14.8.1 (10.1.0).
- [Upgrade 14.8.0.104.0 \(9.6.2\) to 14.8.1 \(10.1.0\)](#)
This topic provides the systematic instruction to upgrade 14.8.0.104.0 (9.6.2) to 14.8.1 (10.1.0).

2.5.1 Greenfield (New Blank Schema)

This topic describes about the greenfield(New Blank Schema).

Use full option; changelogVersion set to current version (Example, 10.1.0);
changelogSync=false.

Example: releaseCatalog.json

```
{
  "releaseVersion": "14.8.0.0.0",
  "stopOnFailure": "true",
  "deployments":
  [
    {
      "service": "plato-config-service",
      "artifactVersion": "10.1.0",
      "changelogVersion": "10.1.0",
      "groupId":
      "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
      "changelogSync": false
    },
    {
      "service": "plato-api-gateway",
      "artifactVersion": "10.1.0",
      "changelogVersion": "10.1.0",
      "groupId":
      "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
      "changelogSync": false
    }
  ]
}
```

2.5.2 Brownfield Upgrade 14.8.0 (9.6.0) to 14.8.1 (10.1.0)

This topic describes about the brownfield upgrade.

Follow the steps to upgrade brownfield 14.8.0 (9.6.0) to 14.8.1 (10.1.0):

History Sync

1. Full, changelogVersion=9.6.0, changelogSync=true. Do not execute scripts, only update DATABASECHANGELOG.

Example:

```
{
  "releaseVersion": "14.8.0.0.0",
  "stopOnFailure": "true",
  "deployments":
  [
    {
      "service": "plato-config-service",
      "artifactVersion": "10.1.0",
      "changelogVersion": "9.6.0",
      "groupId": "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
```

```

        "changelogSync": true
      },
      {
        "service": "plato-api-gateway",
        "artifactVersion": "10.1.0",
        "changelogVersion": "9.6.0",
        "groupId" :
"dev.obma.plato.24_6_0_flyway_sql_migration.services",
        "option": "Full",
        "changelogSync": true
      }
    ]
  }
}

```

Note

Verify DATABASECHANGELOG entries for all schemas (filenames and ORDEREXECUTED).

History Sync with changelogSync=false

2. Full, changelogVersion=9.6.0, changelogSync=false. Only update DATABASECHANGELOG;

Example:

```

{
  "releaseVersion": "14.8.0.0.0",
  "stopOnFailure": "true",
  "deployments":
  [
    {
      "service": "plato-config-service",
      "artifactVersion": "10.1.0",
      "changelogVersion": "9.6.0",
      "groupId" :
"dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
      "changelogSync": false
    }
  ]
}

```

Note

This step will update only the DATABASECHANGELOG entries for the target schema as per changelogVersion, without applying any scripts.

Delta Execution

3. Incremental, changelogVersion=10.1.0, changelogSync=false.

Example:

```
{
  "releaseVersion": "14.8.0.0.0",
  "stopOnFailure": "true",
  "deployments": [
    {
      "service": "plato-config-service",
      "artifactVersion": "10.1.0",
      "changelogVersion": "10.1.0",
      "groupId": "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Incremental",
      "changelogSync": false
    },
    {
      "service": "plato-api-gateway",
      "artifactVersion": "10.1.0",
      "changelogVersion": "10.1.0",
      "groupId": "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Incremental",
      "changelogSync": false
    }
  ]
}
```

2.5.3 Upgrade 14.7.4 (9.4.0) to 14.8.1 (10.1.0)

This topic describes about upgrade 14.7.4 (9.4.0) to 14.8.1 (10.1.0).

Baseline to 14.8.0 (last Flyway-supported) and follow 5.2 (sync 9.6.0, then incremental 10.1.0).

2.5.4 Upgrade 14.8.0.x (9.6.x) to 14.8.1 (10.1.0)

This topic describes about the upgrade 14.8.0.x (9.6.x) to 14.8.1 (10.1.0).

Follow the options to upgrade:

- **Option 1:** sync history up to 9.6.0 then execute 10.1.0 Incremental (see 5.2).
- **Option 2:** sync to the last patch level (Example, 9.6.2), then execute 10.1.0 Full.

2.5.5 Upgrade 14.8.0.104.0 (9.6.2) to 14.8.1 (10.1.0)

This topic provides the systematic instruction to upgrade 14.8.0.104.0 (9.6.2) to 14.8.1 (10.1.0).

Follow the steps to upgrade 14.8.0.104.0 (9.6.2) to 14.8.1 (10.1.0).

History Sync to 9.6.2

1. Generate db.zip for 9.6.2 via Migration Utility; Full with changelogSync=true.

Example:

```
{
  "releaseVersion": "14.8.0.0.0",
  "stopOnFailure": "true",
  "deployments":
  [
    {
      "service": "plato-config-service",
      "artifactVersion": "9.6.2",
      "changelogVersion": "9.6.2",
      "groupId" :
      "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
      "changelogSync": true
    },
    {
      "service": "plato-api-gateway",
      "artifactVersion": "9.6.2",
      "changelogVersion": "9.6.2",
      "groupId" :
      "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
      "changelogSync": true
    }
  ]
}
```

Execution 10.1.0

2. Full with changelogSync=false.

Example:

```
{
  "releaseVersion": "14.8.0.0.0",
  "stopOnFailure": "true",
  "deployments":
  [
    {
      "service": "plato-config-service",
      "artifactVersion": "10.1.0",
      "changelogVersion": "10.1.0",
      "groupId" :
      "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",
      "changelogSync": false
    },
    {
      "service": "plato-api-gateway",
      "artifactVersion": "10.1.0",
      "changelogVersion": "10.1.0",
      "groupId" :
      "dev.obma.plato.24_6_0_flyway_sql_migration.services",
      "option": "Full",

```

```
        "changelogSync": false
      }
    ]
  }
```

2.6 Post-Deployment Verification

This topic describes about the post-deployment verification.

Follow the below steps for post-deployment verification.

1. Verify DATABASECHANGELOG in each target schema: filenames, ORDEREXECUTED.
2. Optional schema compare in SQL Developer; expect only DATABASECHANGELOG tables as differences.
3. Ignore the differences due to auto-increment sequence names if those are dynamic.

2.7 Placeholder Management(placeholder.properties)

This topic provides the systematic instructions for placeholder management.

1. Maintain all placeholders used by SQL as parameter.<key>=value; no trailing spaces.
2. Do not change values of existing placeholders used in already-executed scripts (to avoid checksum errors).
3. Create new placeholder keys for new updates instead of reusing old ones.
4. To extract existing Flyway placeholders from PROPERTIES table:

```
select REGEXP_REPLACE( key, '^flyway\..*\.\placeholders\.', 'parameter.') || '=' || value from  
Properties where key like '%.placeholders.%';
```
5. Also refer setUserOverrides.sh for placeholders not defined in PROPERTIES.

2.8 Notes/Troubleshooting

This topic describes about the notes and troubleshooting issues.

- Use Linux version of plato-sqlcl-deployer if SQLCl connection errors are observed on Windows.
- Verify encrypted DB credentials align with salt, re-encrypt if password changed.

3

Overview of Product Installation using Installer

This topic describes the systematic information to install Oracle Banking Trade Finance Process Management application using Installer.

Prerequisite

Before proceeding with installation setup, make sure that the database installation is completed and required schemas are created.

Installer Path

The following table provides the path of the installer in OSDC Package.

Application	Archive Name	OSDC Path
Oracle Banking Microservices Architecture	obma.zip	OBTFPM_{14.8.1.0.0}/ Installer
Oracle Banking Trade Finance Process Management	obtfpm.zip	

Note

For the release number, refer to the OSDC file available as a part of the release.

Note

To install the application using installer, refer to **Oracle Banking Microservices Architecture Installer Guide**.

- [Common Core Domain Configuration](#)

3.1 Common Core Domain Configuration

This topic contains following sub-topics:

- [Pre-requisites](#)
- [Steps to Create Domain](#)

3.1.1 Pre-requisites

Following are the prerequisites of the Domain and Cluster Configuration.

- Machine should have Java JDK 17.0.11 installed.
- Oracle Fusion Middleware 14c (14.1.2.0.0) must be installed on the machine.

3.1.2 Steps to Create Domain

It is recommended to have different managed server in one domain for each application. For Creating Domain and Configuration refer to Configuration and Deployment User Guide' section **“How to create and Cluster Configuration”**.

4

Data Sources Creation

This topic contains following sub-topics:

- [Pre-requisites](#)
- [Data Sources List](#)
- [Creating Data Source](#)
- [Checking JNDI Access for Server](#)

This topic provides systematic instruction for Checking JNDI Access for Server.

4.1 Pre-requisites

Database and application setup for PLATO has to be performed prior to deployment setup.

4.2 Data Sources List

The table below lists the data sources to be created on each domain prior to deployment of applications onto managed servers.

Service Name	Data Source / Schema Name	Data source JNDI	Targets
plato-config-service	PLATO	jdbc/PLATO	OBTFPM
plato-api-gateway	PLATO Security	jdbc/PLATO_SECURITY	OBTFPM
plato-ui-config-services	Plato UI Config	jdbc/ PLATO_UI_CONFIG	OBTFPM
plato-feed-services	Plato Feed	jdbc/PLATOFEED	cmncore, midoffice, obtfpm, platoconfig, platosms
plato-alerts- management-services	Plato Alerts	jdbc/PLATOALERTS	platosms
plato-batch-server	Plato Batch	jdbc/PLATOBATCH	cmncore, obtfpm, platoconfig, platosms
sms-core-services	SMS	jdbc/sms	OBTFPM
All CMC & MOC Services	CMNCORE	jdbc/CMNCORE	OBTFPM
conductor & plato-orch- service	Conductor	jdbc/PLATO-O	conductor, obtfpm, platosms
obtfpm-adapter-services	obtfpm-adapter-services	jdbc/OBTFPMADAPTER	OBTFPM
obtfpm-alert-servcies	obtfpm-alert-servcies	jdbc/OBTFPMALERT	OBTFPM
obtfpm-ai-integration- services	obtfpm-ai-integration- services	jdbc/OBTFPMGENAI	OBTFPM
obtfpm-common- datasegments-services	obtfpm-common- datasegments-services	jdbc/ OBTFPMCOMMONDS	OBTFPM
obtfpm-datasegments- management-services	obtfpm-datasegments- management-services	jdbc/OBTFPMDSMGMT	OBTFPM

Service Name	Data Source / Schema Name	Data source JNDI	Targets
obtfpm-documentarycollections-datasegments-services	obtfpm-documentarycollections-datasegments-services	jdbc/OBTFPMDOCCOLLECTDS	OBTFPM
obtfpm-drawings-datasegments-services	obtfpm-drawings-datasegments-services	jdbc/OBTFPMDRAWINGSDS	OBTFPM
obtfpm-extsys-replicated-data-provider-services	obtfpm-extsys-replicated-data-provider-services	jdbc/OBTFPMEXTSYSREPDATA	OBTFPM
obtfpm-gateway-services	obtfpm-gateway-services	jdbc/OBTFPMGW	OBTFPM
obtfpm-guarantees-datasegments-services	obtfpm-guarantees-datasegments-services	jdbc/OBTFPMGUARANTEE DS	OBTFPM
obtfpm-letterofcredits-datasegments-services	obtfpm-letterofcredits-datasegments-services	jdbc/OBTFPMLETTERCREDITDS	OBTFPM
obtfpm-maintenance-services	obtfpm-maintenance-services	jdbc/OBTFPMMOMAINTE NANCE	OBTFPM
obtfpm-orchestrator-services	obtfpm-orchestrator-services	jdbc/OBTFPMORCHESTRAT OR	OBTFPM
obtfpm-rso-maintenance-services	obtfpm-rso-maintenance-services	jdbc/OBTFPMRSOMAINTE NANCE	OBTFPM
obtfpm-stage-management-services	obtfpm-stage-management-services	jdbc/OBTFPMSTAGEMANA GEMNT	OBTFPM
obtfpm-template-services	obtfpm-template-services	jdbc/OBTFPMTEMPLATE	OBTFPM
obtfpm-utility-services	obtfpm-utility-services	jdbc/OBTFPMUTILITY	OBTFPM
obtfpm-shipping-guarantee-services	obtfpm-shipping-guarantee-services	jdbc/OBTFPMSHIPPINGTEE DS	OBTFPM
plato-report-services	REPORTSERVICE	jdbc/REPORTSERVICE	platosms

Note

In case the above data sources are already mapped to the same managed server, ignore the applicable steps.

4.3 Creating Data Source

For creating data source, refer 'Configuration and Deployment User Guide' section **“How to Data sources”**.

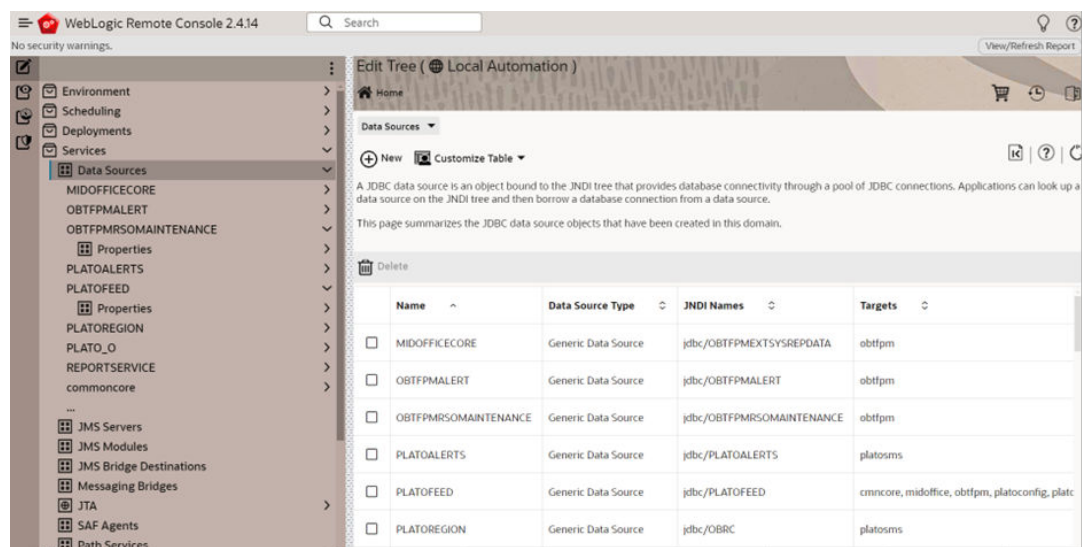
4.4 Checking JNDI Access for Server

This topic provides systematic instruction for Checking JNDI Access for Server.

To make sure that the services are deployed, do the following steps:

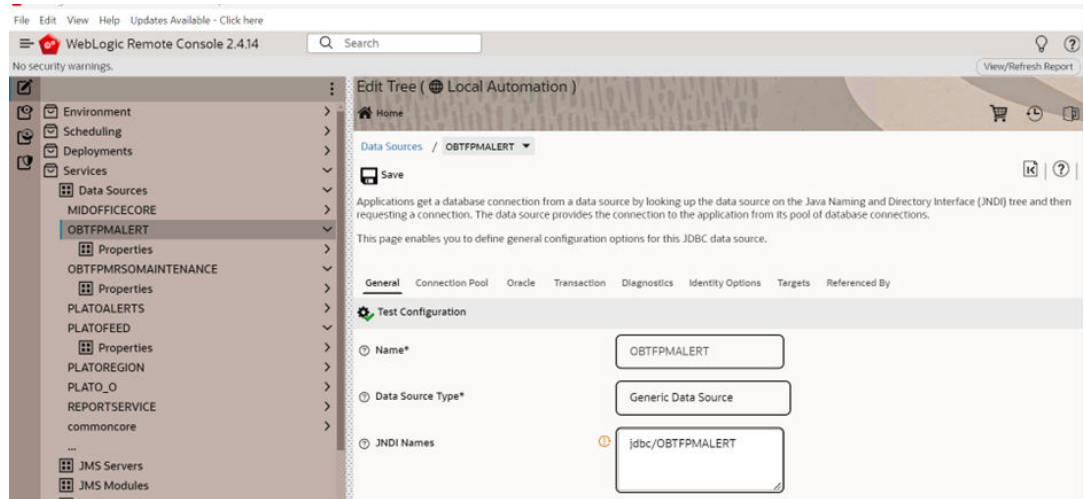
1. Open WebLogic Remote Console and go to **Data Sources** under **Services** on the left side pane.
2. Data Sources summary will be displayed on the right pane.
3. Click on any Data Source listed. Below page will be displayed and JNDI Name will be displayed under General tab.

Figure 4-1 WebLogic Remote Console - Data Sources



All the required Data Sources should be listed here in above summary. Details of each data source can be seen on clicking the particular Data Source.

Figure 4-2 WebLogic Remote Console - Data Sources



5

Deployments

- [Pre-requisite](#)
- [Deployments List](#)
- [Steps to Deploy as Application](#)

5.1 Pre-requisite

Before you proceed with below, make sure previous steps are completed.

5.2 Deployments List

This topic contains following sub-topics:

- [Plato Services Deployment](#)
- [SMS Services Deployment](#)
- [Plato Orchestration Service Deployment](#)
- [Common Core Services Deployment](#)
- [Mid Office Common Services Deployment](#)
- [OBTFPM Services Deployment](#)
- [OBTFPM – OBRH Configuration Deployment](#)

5.2.1 Plato Services Deployment

Below table give details of the deployments required for the Plato application to run. Deploy one after other in the same given order.

Refer the Plato Infrastructure Services Installation Document to install the services.

Table 5-1 Plato Services Deployment Table

Application	Archive name	OSDC path	Targets
plato-config-service	plato-config-service-10.2.0.war	{unzip the file} PLATO\plato-config-service\	Config Server
plato-discovery-service	plato-discovery-service-10.2.0.war	{unzip the file} PLATO\plato-discovery-service\	Discovery Server
Plato-api-gateway	plato-api-gateway-10.2.0.war	{unzip the file} PLATO\plato-api-gateway\	Api Gateway
Plato-ui-config-service	Plato-ui-config-service-10.2.0.war	{unzip the file} PLATO\plato-ui-config-service\	Plato UI Config

Table 5-1 (Cont.) Plato Services Deployment Table

Application	Archive name	OSDC path	Targets
plato-batch-server	plato-batch-server-10.2.0.war	{unzip the file} PLATO\plato-batch-service\	Plato Batch
plato-coherence-server	plato-coherence-server.10.2.0.war	{unzip the file} PLATO\plato-coherence-server\	Plato Coherence
plato-feed-services	plato-feed-services-10.2.0.war	{unzip the file} PLATO\plato-feed-services\	Plato Feed
plato-rule-service	plato-rule-service-10.2.0.war	{unzip the file} PLATO\plato-rule-services\	Plato Rule
plato-alerts-management-services	plato-alerts-management-services.10.2.0.war	{unzip the file} PLATO\plato-alerts-management-services\	Plato Alert Management
plato-transport-services	plato-transport-services.10.2.0.war	{unzip the file} PLATO\plato-transport-services\	Plato Transport
plato-report-services	plato-report-services.10.2.0.war	{unzip the file} PLATO\plato-report-services\	Plato Report

5.2.2 SMS Services Deployment

Below table give details of the deployments required for the SMS application to run.

Refer the Security Management System Services Installation Guide to install the services.

Application	Archive name	OSDC path
sms-core-services	sms-core-services-10.2.0.war	<<Base Path>>\SMS\sms-core-services

5.2.3 Plato Orchestration Service Deployment

Below table give details of the deployments required for the Plato Orchestration application to run.

Refer the Plato Infrastructure Services Installation Document to install the services.

Application	Archive name	OSDC path	Targets
Plato-Orch-Service	Plato-Orch-Service-10.2.0.war	{unzip the file} PLATO\plato-orch-service\	Plato-Orch-Service

5.2.4 Common Core Services Deployment

Below table give details of the deployments required for the Common Core application to run. Deploy one after other in the same given order.

Refer the Common Core Services Installation Guide to install the services.

Application	Archive name	OSDC path	Targets
cmc-account-services	cmc-account-services-10.2.0.war	<<Base Path>>\PLATO\cmc-account-services	CommonCore
cmc-additional-attributes-services	cmc-additional-attributes-services-10.2.0.war	<<Base Path>>\PLATO\cmc-additional-attributes-services	CommonCore
cmc-advice-services	cmc-advice-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-advice-services	CommonCore
cmc-base-services	cmc-base-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-base-services	CommonCore
cmc-branch-services	cmc-branch-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-branch-services	CommonCore
cmc-businessoverrides-services	cmc-businessoverrides-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-businessoverrides-services	CommonCore
cmc-currency-services	cmc-currency-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-currency-services	CommonCore
cmc-customer-services	cmc-customer-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-customer-services	CommonCore
cmc-datasegment-services	cmc-datasegment-services.10.2.0.war	<<BASE PATH>>\PLATO\cmc-datasegment-services	CommonCore
cmc-external-chart-account	cmc-external-chart-account.10.2.0.war	<<BASE PATH>>\PLATO\cmc-external-chart-account	CommonCore
cmc-external-system-services	cmc-external-system-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-external-system-services	CommonCore
cmc-external-virtual-account-services	cmc-external-virtual-account-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-external-virtual-account-services	CommonCore
cmc-fc-ai-ml-services	cmc-fc-ai-ml-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-fc-ai-ml-services	CommonCore
cmc-limits-collaterals-services	cmc-limits-collaterals-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-limits-collaterals-services	CommonCore
cmc-mis-services	cmc-mis-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-mis-services	CommonCore
cmc-ml-indb-services	cmc-ml-indb-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-ml-indb-services	CommonCore

Application	Archive name	OSDC path	Targets
cmc-obrh-service	cmc-obrh-service-10.2.0.war	<<BASE PATH>>\PLATO\cmc-obrh-service	CommonCore
cmc-resourceclass-services	cmc-resourceclass-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-resourceclass-services	CommonCore
cmc-resource-segment-orchestrator-service	cmc-resource-segment-orchestrator-service-10.2.0.war	<<BASE PATH>>\PLATO\cmc-resource-segment-orchestrator-service	CommonCore
cmc-screenclass-services	cmc-screenclass-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-screenclass-services	CommonCore
cmc-settlements-services	cmc-settlements-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-settlements-services	CommonCore
cmc-nlp-dashboard-widget-services	cmc-nlp-dashboard-widget-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-nlp-dashboard-widget-services	CommonCore
cmc-nlp-docview-services	cmc-nlp-docview-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-nlp-docview-services	CommonCore
cmc-nlp-maintenance-services	cmc-nlp-maintenance-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-nlp-maintenance-services	CommonCore
cmc-nlp-pipeline-services	cmc-nlp-pipeline-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-nlp-pipeline-services	CommonCore
cmc-nlp-text-extraction-services	cmc-nlp-text-extraction-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-nlp-text-extraction-services	CommonCore
cmc-transactioncontroller-services	cmc-transactioncontroller-services-10.2.0.war	<<BASE PATH>>\PLATO\cmc-transactioncontroller-services	CommonCore

5.2.5 Mid Office Common Services Deployment

Below table give details of the deployments required on each server for the mid office services to run.

Deploy one after other in the same given order.

Table 5-2 Mid Office Common Services Deployment

Application	Archive name	OSDC Path	Targets
cmc-applicationcategory-services	cmc-applicationcategory-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-applicationcategory-services	MOCCORE
cmc-checklist-services	cmc-checklist-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-checklist-services	MOCCORE
cmc-checklistmanagement-services	cmc-checklistmanagement-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-checklistmanagement-services	MOCCORE
cmc-comments-services	cmc-comments-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-comments-services	MOCCORE
cmc-document-services	cmc-document-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-document-services	MOCCORE
cmc-documentmanagement-services	cmc-documentmanagement-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-documentmanagement-services	MOCCORE
cmc-mailnotification-services	cmc-mailnotification-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-mailnotification-services	MOCCORE
cmc-priority-service	cmc-priority-service-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-priorityservice	MOCCORE
cmc-processcode-service	cmc-processcode-service-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-processcode-service	MOCCORE
cmc-sequencgenerator-services	cmc-sequencgenerator-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-sequencgenerator-services	MOCCORE
cmc-sla-services	cmc-sla-services-10.2.0.war	<<Base Path>>\MID_OFFICE_COMMON_CORE\cmc-sla-services	MOCCORE

5.2.6 OBTFPM Services Deployment

Below table give details of the deployments required on each domain for the Trade application to run.

Deploy one after other in the same given order.

Note

Make sure that the environment variables are set appropriately before the deployment.

Table 5-3 OBTFPM Services Deployment Table

S.No	Service Name	Archive Name	OSDC path
1.	obtfpm-adapter-services	obtfpm-adapter-services-10.2.0.war	<<Base Path>>\OBTFPM_SERVICES\obtfpm-adapter-services
2.	obtfpm-alert-services	obtfpm-alert-services-10.2.0.war	<<Base Path>>\OBTFPM_SERVICES\obtfpm-alert-services
3.	obtfpm-batch-jobs	obtfpm-batch-jobs-10.2.0.war	<<Base Path>>\OBTFPM_SERVICES\obtfpm-batch-jobs
4.	obtfpm-common-datasegments-services	obtfpm-common-datasegments-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-common-datasegments-services
5.	obtfpm-datasegments-management-services	obtfpm-datasegments-management-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-datasegments-management-services
6.	obtfpm-documentarycollections-datasegments-services	obtfpm-documentarycollections-datasegments-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-documentarycollections-datasegments-services
7.	obtfpm-drawings-datasegments-services	obtfpm-drawings-datasegments-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-drawings-datasegments-services
8.	obtfpm-extsys-replicated-data-provider-services	obtfpm-extsys-replicated-data-provider-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-extsys-replicated-data-provider-services
9.	obtfpm-gateway-services	obtfpm-gateway-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-gateway-services
10.	obtfpm-guarantees-datasegments-services	obtfpm-guarantees-datasegments-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-guarantees-datasegments-services

Table 5-3 (Cont.) OBTFPM Services Deployment Table

S.No	Service Name	Archive Name	OSDC path
11.	obtfpm-letterofcredits-datasegments-services	obtfpm-letterofcredits-datasegments-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-letterofcredits-datasegments-services
12.	obtfpm-maintenance-services	obtfpm-maintenance-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-maintenance-services
13.	obtfpm-orchestrator-services	obtfpm-orchestrator-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-orchestrator-services
14.	obtfpm-rso-maintenance-services	obtfpm-rso-maintenance-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\ obtfpm-rso-maintenance-services
15.	obtfpm-stage-management-services	obtfpm-stage-management-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-stage-management-services
16.	obtfpm-subscriber-services	obtfpm-subscriber-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-subscriber-services
17.	obtfpm-template-services	obtfpm-template-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-template-services
18.	obtfpm-utility-services	obtfpm-utility-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-utility-services
19.	obtfpm-shipping-guarantee-services	obtfpm-shipping-guarantee-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-shipping-guarantee-services
20.	obtfpm-ai-integration-services	obtfpm-ai-integration-services-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-ai-integration-services
21.	obtfpm-documentarycollections-datasegments-services-wrapper	obtfpm-documentarycollections-datasegments-services-wrapper-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-documentarycollections-datasegments-services-wrapper
22.	obtfpm-drawings-datasegments-services-wrapper	obtfpm-drawings-datasegments-services-wrapper-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-drawings-datasegments-services-wrapper
23.	obtfpm-guarantees-datasegments-services-wrapper	obtfpm-guarantees-datasegments-services-wrapper-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-guarantees-datasegments-services-wrapper

Table 5-3 (Cont.) OBTFPM Services Deployment Table

S.No	Service Name	Archive Name	OSDC path
24.	obtfpm-letterofcredits-datasegments-services-wrapper	obtfpm-letterofcredits-datasegments-services-wrapper-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-letterofcredits-datasegments-services-wrapper
25.	obtfpm-shipping-guarantee-services-wrapper	obtfpm-shipping-guarantee-services-wrapper-10.2.0.war	<<BASE PATH>>\OBTFPM_SERVICES\obtfpm-shipping-guarantee-services-wrapper

5.2.7 OBTFPM – OBRH Configuration Deployment

Below table give details of the deployments required for the OBRH related configuration for the Trade application to run. Deploy one after other in the same given order. Based on the FCUBS Version, select the corresponding configuration path as mentioned below

OBTF 14.5 & ELCM 14.5

Table 5-4 OBTFPM – OBRH Configuration Deployment Table

S. No	Service Provider	OSDC path
1.	OBTF	obtfpm_osdc_14.8.2.0.0\OBTFPM_SERVICES\OBRH_CONFIG\14.5\OBTFPM144_OBTF144_Consumer.json
2.	FCUBS	obtfpm_osdc_14.8.2.0.0\OBTFPM_SERVICES\OBRH_CONFIG\14.5\OBTFPM144_FCUBS144_Consumer.json
3.	ELCM	obtfpm_osdc_14.8.2.0.0\OBTFPM_SERVICES\OBRH_CONFIG\14.5\OBTFPM144_ELCM144_Consumer.json
4.	OBDX	obtfpm_osdc_14.8.2.0.0\OBTFPM_SERVICES\OBRH_CONFIG\14.5\OBTFPM144_OBDX144_Consumer.json
5.	OBTR	obtfpm_osdc_14.8.2.0.0\OBTFPM_SERVICES\OBRH_CONFIG\14.5\OBTFPM144_OBTR144_Consumer.json
6.	OBCL	obtfpm_osdc_14.8.2.0.0\OBTFPM_SERVICES\OBRH_CONFIG\14.5\OBTFPM144_OBCL144_Consumer.json

5.3 Steps to Deploy as Application

To deploy application, refer **Configuration and Deployment Guide** section “**How to deploy**” section.

6

User Interface Installation

- [Introduction](#)
- [Domain and Cluster Configuration](#)
- [Deployments](#)
- [Restart and Refresh](#)

6.1 Introduction

This section would help you to install the OBTFPM UI on designated environment. It is assumed that all the prior setup is already done related with WebLogic managed server creation. It is recommended to use dedicated managed server for OBTFPM UI.

The installation procedure includes a series of steps that are defined in subsequent sections for the deployment of services.

6.2 Domain and Cluster Configuration

- [Pre-requisites](#)
- [Create Domain and Cluster Configuration](#)
- [Post Domain Creation Configurations](#)

6.2.1 Pre-requisites

Following are the pre-requisites for User Interface Installation:

- Machine should have Java JDK17.0.11 installed.
- Oracle Fusion Middleware 14c (14.1.2.0.0) must be installed on the machine.

6.2.2 Create Domain and Cluster Configuration

Refer “Configuration and Deployment Guide” document, section '**How to Create Domain and Cluster Configuration**'.

6.2.3 Post Domain Creation Configurations

Refer “Configuration and Deployment Guide” document, section '**Post Domain Creation Configurations**'.

6.3 Deployments

- [Steps to Deploy as Application](#)
This topic provides systematic instruction to deploy as application.

6.3.1 Steps to Deploy as Application

This topic provides systematic instruction to deploy as application.

Note

Server names, Domain names need not to be same as this doc provides.

Steps to Deploy archives as application on Web Logic is same for all the above except for managed server and domain where we deploy will differ. Find the below screenshots to see how deployment of archive as application is done on Web Logic.

1. Copy the application war file available under UI/APP/ARCHIVE folder.
2. Open Web Logic Remote Console and navigate to the Deployments > App Deployments.
3. Choose App Deployments – Edit Tree.
4. Click on “New” button in right pane and deploy App Shell with “appshell” as target.

Figure 6-1 App Deployments

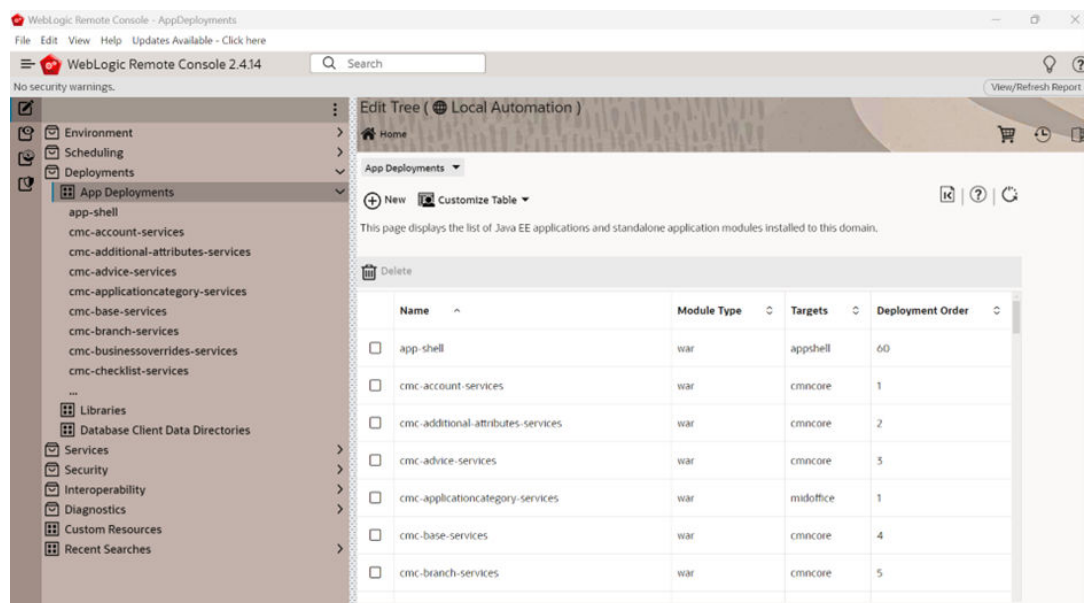
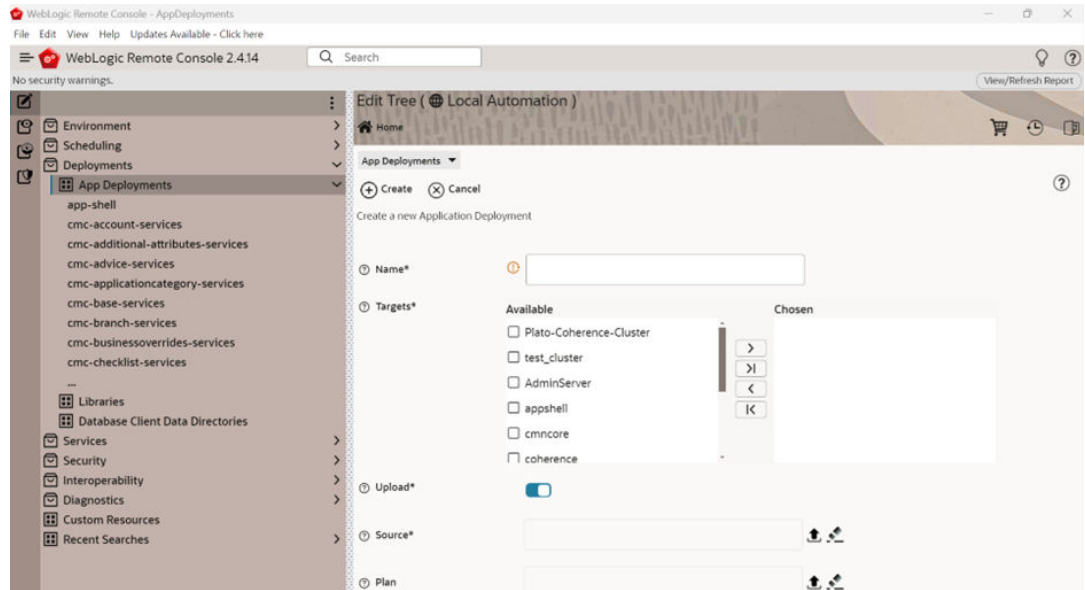


Figure 6-2 App Deployments



6.4 Restart and Refresh

Once everything is deployed, restart all the managed servers. And for each application call path “/refresh” for refreshing the configuration properties.

- [Restarting Servers](#)

6.4.1 Restarting Servers

Refer “Configuration and Deployment Guide” document, section ' **How to Restart Servers** '.

7

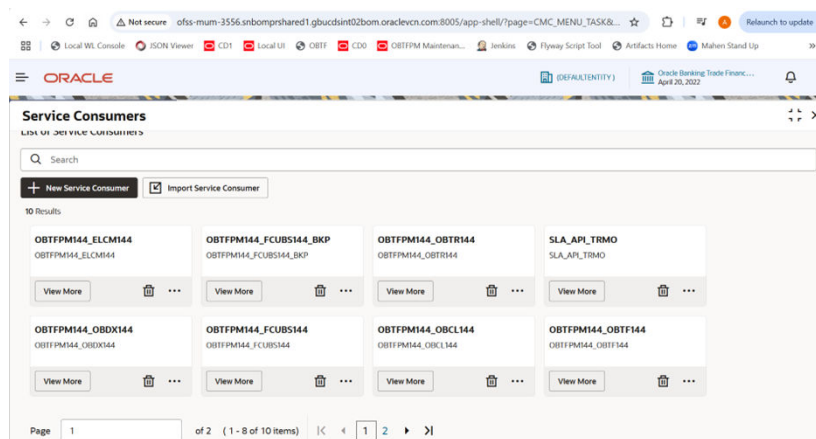
OBRH – Configuration Deployment

This topic provides systematic instruction to deploy the OBRH Configuration.

Follow the below steps to deploy the OBRH configuration through the OBTFPM UI application.

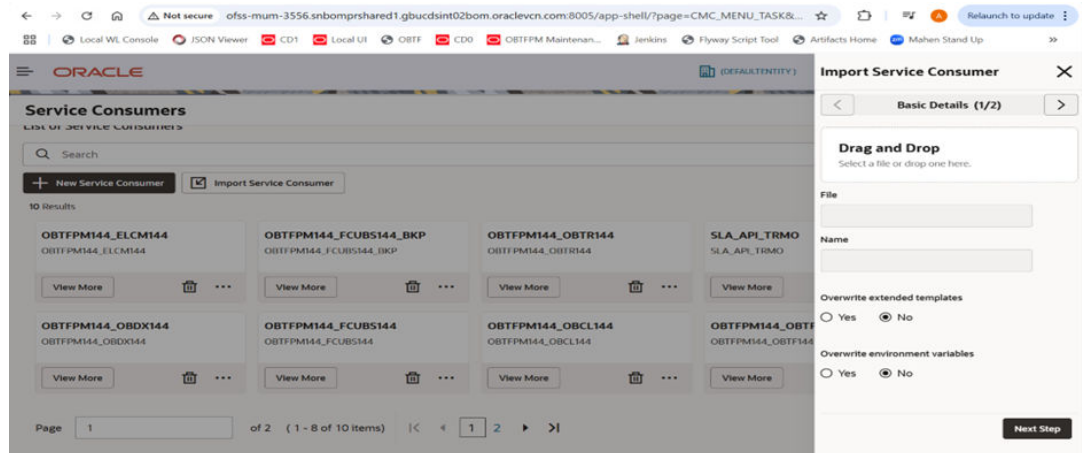
1. Login to the Application.
2. On Home screen, click **Core Maintenance** then click **Routing Hub** and then **Service Consumers**.

System will launch the OBRH service provider screen as shown below.



3. Click on **Import** button and select the OBRH configuration artifact (JSON) as mentioned in section "OBTFPM – OBRH Configuration Deployment".

The **Import Service Consumer** pop-up screen is displayed.



8

Conductor Process Installation

This section would help you to install the OBTFPM Conductor based process on designated environment. It is assumed that all the prior setup is already done related to Netflix Conductor.

- [OBTFPM Processes](#)
- [Steps to Deploy Conductor Process](#)
This topic provides systematic instruction to deploy Conductor Process.

8.1 OBTFPM Processes

Deploy the following list of conductor processes for OBTFPM. The deployable units are available in the OBTFPM_PROCESSES folder in the OSDC.

Table 8-1 OBTFPM Processes Table

S. No	Main Process	Dependent Process
1.	ShippingGuaranteeIssuance	All sub workflows
2.	STPProcessAllocationWorkflow	All sub workflows
3.	RepaymentOfBuyersCredit	All sub workflows
4.	IssuanceOfLetterOfUndertakingForBuyersCredit	All sub workflows
5.	IslamicShippingGuaranteeIssuance	All sub workflows
6.	IslamicImportLCUpdateDrawings	All sub workflows
7.	IslamicImportLCReopen	All sub workflows
8.	IslamicImportLCLiquidation	All sub workflows
9.	IslamicImportLCIssuance	All sub workflows
10.	IslamicImportLCInternalAmendment	All sub workflows
11.	IslamicImportLCDrawingsWorkflow	All sub workflows
12.	IslamicImportLCClosure	All sub workflows
13.	IslamicImportLCCancellation	All sub workflows
14.	IslamicImportLCAmendment	All sub workflows
15.	IslamicImportLCAmendmentBeneficiaryConsent	All sub workflows
16.	IslamicImportDocumentaryCollectionUpdateWorkflow	All sub workflows
17.	IslamicImportDocumentaryCollectionReturnWorkflow	All sub workflows
18.	IslamicImportDocumentaryCollectionLiquidationWorkflow	All sub workflows
19.	IslamicImportDocumentaryCollectionBookingWorkflow	All sub workflows
20.	IslamicLodgeClaimGuaranteeIssued	All sub workflows
21.	IslamicGuaranteeIssuance	All sub workflows
22.	IslamicGuaranteeIssuanceClosure	All sub workflows
23.	IslamicGuaranteeIssuanceClaimSettlement	All sub workflows
24.	IslamicGuranteeIssuanceAmendmentBeneficiaryConsentWorkflow	All sub workflows
25.	IslamicGuaranteeCancellationWorkflow	All sub workflows

Table 8-1 (Cont.) OBTFPM Processes Table

S. No	Main Process	Dependent Process
26.	IslamicGuaranteeSBLCAvisedClaimUpdate	All sub workflows
27.	IslamicGuaranteeAdvisedClaimSettlement	All sub workflows
28.	IslamicGuaranteeAdviseInternalAmendment	All sub workflows
29.	IslamicGuaranteeAdviseClaimLodgingWorkflow	All sub workflows
30.	IslamicGuaranteeAdviseCancellation	All sub workflows
31.	IslamicGuaranteeAdviseAmendmentBeneficiaryConsentWorkflow	All sub workflows
32.	IslamicGuaranteeAdviceWorkflow	All sub workflows
33.	IslamicGuaranteeAdviceClosureWorkflow	All sub workflows
34.	IslamicExportLCUpdateDrawings	All sub workflows
35.	IslamicExportLCTransferWorkflow	All sub workflows
36.	IslamicExportLCTransferClosure	All sub workflows
37.	IslamicExportLCTransferCancellation	All sub workflows
38.	ExportLCTransferAmendmentWorkflow	All sub workflows
39.	IslamicExportLCTransferAmendmentWorkflow	All sub workflows
40.	IslamicExportLCTransferAmendmentBeneficiaryConsentWorkflow	All sub workflows
41.	IslamicExportLCReopen	All sub workflows
42.	IslamicExportLCLiquidation	All sub workflows
43.	IslamicExportLCDrawings	All sub workflows
44.	IslamicExportLCClosure	All sub workflows
45.	IslamicExportLCCancellation	All sub workflows
46.	IslamicExportLCAmendment	All sub workflows
47.	IslamicExportLCAmendmentBeneficiaryConsent	All sub workflows
48.	IslamicExportLCAdvise	All sub workflows
49.	IslamicExportDocumentaryCollectionUpdateWorkflow	All sub workflows
50.	IslamicExportDocumentaryCollectionReturnWorkflow	All sub workflows
51.	IslamicExportDocumentaryCollectionLiquidationWorkflow	All sub workflows
52.	IslamicExportDocumentaryCollectionBookingWorkflow	All sub workflows
53.	IslamicDrawingsUnderTransferredLCWorkflow	All sub workflows
54.	ImportLCUpdateDrawings	All sub workflows
55.	ImportLCReopen	All sub workflows
56.	ImportLCLiquidation	All sub workflows
57.	ImportLCIssuance	All sub workflows
58.	ImportLCInternalAmendment	All sub workflows
59.	ImportLCDrawings	All sub workflows
60.	ImportLCDrawingsCustomerAcceptance	All sub workflows
61.	ImportLCDrawingApplicantResponse	All sub workflows
62.	ImportLCClosure	All sub workflows
63.	ImportLCCancellation	All sub workflows
64.	ImportLCAmendment	All sub workflows
65.	ImportLCAmendmentBeneficiaryConsent	All sub workflows
66.	ImportDocumentaryCollectionUpdate	All sub workflows

Table 8-1 (Cont.) OBTFPM Processes Table

S. No	Main Process	Dependent Process
67.	ImportDocumentaryCollectionReturn	All sub workflows
68.	ImportDocumentaryCollectionLiquidation	All sub workflows
69.	ImportDocumentaryCollectionBooking	All sub workflows
70.	LodgeClaimGuaranteeIssued	All sub workflows
71.	GuaranteeIssuance	All sub workflows
72.	GuaranteeIssuanceInternalAmendment	All sub workflows
73.	GuaranteeIssuanceInternalAmendmentIslamic	All sub workflows
74.	GuaranteeIssuanceClosure	All sub workflows
75.	GuaranteeIssuanceClaimUpdate	All sub workflows
76.	GuaranteeIssuanceClaimSettlement	All sub workflows
77.	GuaranteeIssuanceAmendmentIslamicWorkflow	All sub workflows
78.	GuaranteeIssuanceAmendmentBeneficiaryConsentWorkflow	All sub workflows
79.	GuaranteeCancellationWorkflow	All sub workflows
80.	GuaranteeAmendmentWorkflow	All sub workflows
81.	GuaranteeSBLCAvisedClaimUpdate	All sub workflows
82.	GuaranteeAdvisedClaimSettlement	All sub workflows
83.	GuaranteeAdvise	All sub workflows
84.	GuaranteeAdviseInternalAmendment	All sub workflows
85.	GuaranteeAdviseClaimLodgingWorkflow	All sub workflows
86.	GuaranteeAdviseCancellation	All sub workflows
87.	GuaranteeAdviseAmendmentIslamicWorkflow	All sub workflows
88.	GuaranteeAdviseAmendmentBeneficiaryConsent	All sub workflows
89.	GuaranteeAdviseAmendment	All sub workflows
90.	GuaranteeAdviceClosure	All sub workflows
91.	ExportLCUpdateDrawings	All sub workflows
92.	ExportLCTransfer	All sub workflows
93.	ExportLCTransferClosure	All sub workflows
94.	ExportLCTransferCancellation	All sub workflows
95.	ExportLCTransferAmendment	All sub workflows
96.	ExportLCTransferAmendmentBeneficiaryConsent	All sub workflows
97.	ExportLCReopen	All sub workflows
98.	ExportLCLiquidation	All sub workflows
99.	ExportLCDrawings	All sub workflows
100.	ExportLCDrawingsCustomerAcceptance	All sub workflows
.		
101.	ExportLCDrawingBeneficiaryResponse	All sub workflows
.		
102.	ExportLCClosure	All sub workflows
.		
103.	ExportLCCancellation	All sub workflows
.		
104.	ExportLCAmendment	All sub workflows
.		

Table 8-1 (Cont.) OBTFPM Processes Table

S. No	Main Process	Dependent Process
105	ExportLCAmendmentBeneficiaryConsent	All sub workflows
106	ExportLCAdvise	All sub workflows
107	ExportDocumentaryCollectionUpdate	All sub workflows
108	ExportDocumentaryCollectionReturn	All sub workflows
109	ExportDocumentaryCollectionLiquidation	All sub workflows
110	ExportDocumentaryCollectionBooking	All sub workflows
111	DrawingsUnderTransferredLC	All sub workflows
112	DetailsOfBuyersCreditUpdate	All sub workflows
113	CorporateCancellationWorkflow	All sub workflows
114	CommonGroupMessage	All sub workflows

S.No	Sub Process Flows
1.	CommonSanctionCheckWorkflow
2.	CommonSTPMessageUpdateWorkflow
3.	CommonReleaseLimitEarmarkWorkflow
4.	CommonReleaseDepositLinkWorkflow
5.	CommonReleaseAmountBlockWorkflow
6.	CommonRejectCaseWorkflow
7.	CommonLimitEarmarkWorkflow
8.	CommonKYCCheckWorkflow
9.	CommonHandoffWorkflow
10.	CommonDraftConfirmationWorkflow
11.	CommonDepositLinkWorkflow
12.	CommonBOAuthorizationWorkflow
13.	CommonApprovalWorkflow
14.	CommonAmountBlockWorkflow
15.	CommonAMLCheckWorkflow
16.	CommonGenAIWorkflow

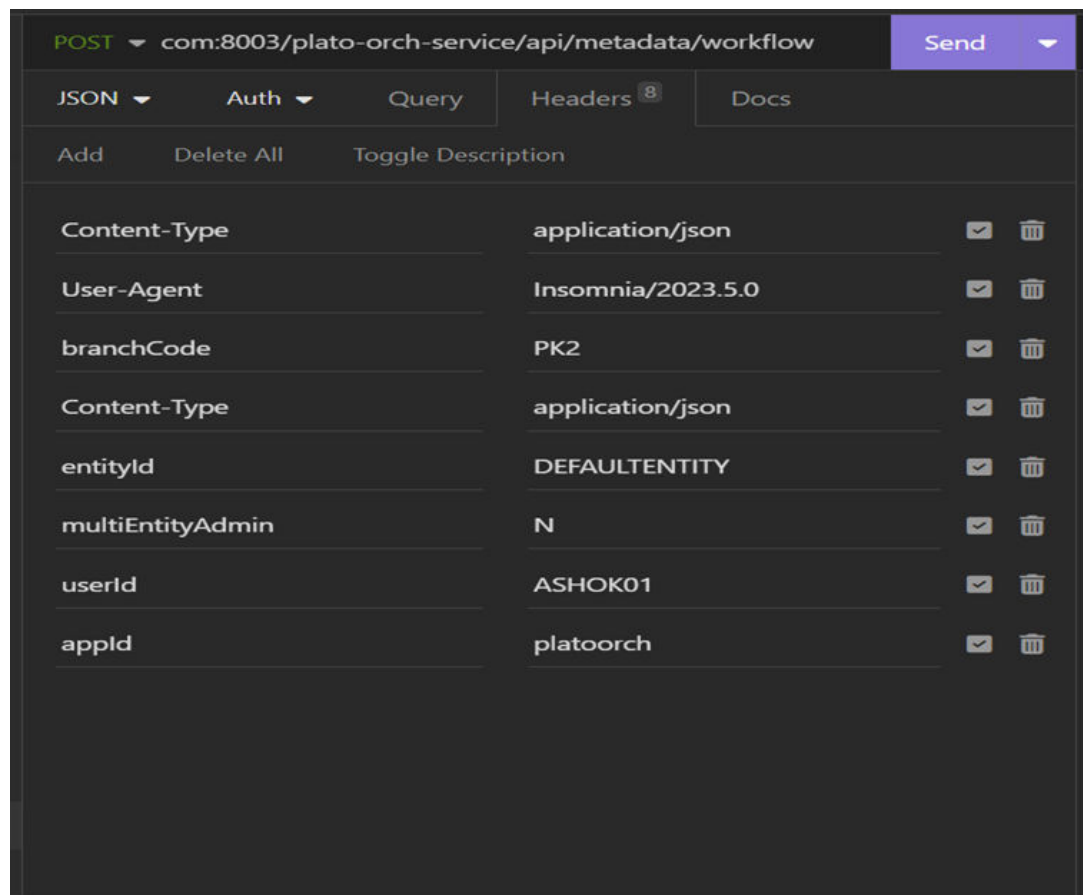
8.2 Steps to Deploy Conductor Process

This topic provides systematic instruction to deploy Conductor Process.

Note

- Server names, Domain names need not to be same as this document provides.
- Steps to Deploy a process remains the same for all the process files.

1. Launch the Postman.
2. Create a new Request (if not done already) and select “POST” method. Use the “PUT” method to update the already deployed process.
3. Input the header params and conductor url (<http://localhost:port/plato-orch/api/metadata/workflow>) as shown below.



4. Paste the body of the request with the content from the process file.

```

POST com:8003/plato-orch-service/api/metadata/workflow
JSON
1 {
2   "ownerApp": "OBTFFPM",
3   "createTime": 1711113657387,
4   "name": "CommonSTPMessageUpdateWorkflow",
5   "description": "CommonSTPMessageUpdateWorkflow",
6   "version": 1,
7   "tasks": [
8     {
9       "name": "updateSTPMessageStatus",
10      "taskReferenceName": "updateSTPMessageStatus",
11      "inputParameters": {
12        "http_request": {
13          "connectionTimeout": "36000",
14          "readTimeout": "36000",
15          "vipAddress": "obtfpm-adapter-services",
16          "uri": "/tradeFinance/obtfpm-adapter-
services/v1/swift/updateSTPMessageStatus",
17          "method": "POST",
18          "headers": {
19            "appId": "OBTFFPMADAPTER",
20            "branchCode":
"${workflow.input.transactionModel.txnIdentification.branchCode}",
21            "userId":
"${workflow.input.transactionModel.txnIdentification.currentUser}"
22          },
23          "body": {
24            "processStatus": "${workflow.input.processStatus}",
25            "applicationNumber":
"${workflow.input.transactionModel.txnIdentification.processRefNo}"
26            "processCode":
"${workflow.input.transactionModel.txnIdentification.processName}"
27          }
28        }
29      }
30    ]
31  }

```

- Click "Send". Make sure the response status "204" is returned from server.

```

POST com:8003/plato-orch-service/api/metadata/workflow
Send 200 OK 230 ms 0 B 1 Month Ago
JSON
1 {
2   "ownerApp": "OBTFFPM",
3   "createTime": 1711113657387,
4   "name": "CommonSTPMessageUpdateWorkflow",
5   "description": "CommonSTPMessageUpdateWorkflow",
6   "version": 1,
7   "tasks": [
8     {
9       "name": "updateSTPMessageStatus",
10      "taskReferenceName": "updateSTPMessageStatus",
11      "inputParameters": {
12        "http_request": {
13          "connectionTimeout": "36000",
14          "readTimeout": "36000",
15          "vipAddress": "obtfpm-adapter-services",
16          "uri": "/tradeFinance/obtfpm-adapter-
services/v1/swift/updateSTPMessageStatus",
17          "method": "POST",
18          "headers": {
19            "appId": "OBTFFPMADAPTER",
20            "branchCode":
"${workflow.input.transactionModel.txnIdentification.branchCode}",
21            "userId":
"${workflow.input.transactionModel.txnIdentification.currentUser}"
22          },
23          "body": {
24            "processStatus": "${workflow.input.processStatus}",
25            "applicationNumber":
"${workflow.input.transactionModel.txnIdentification.processRefNo}"
26            "processCode":
"${workflow.input.transactionModel.txnIdentification.processName}"
27          }
28        }
29      }
30    ]
31  }

```

Preview: No body returned for response

9

Restarts and Refresh

Once everything is deployed, restart all the managed servers. And for each application call path “/refresh” for refreshing the configuration properties.

- [Restarting Servers](#)

9.1 Restarting Servers

Refer “Configuration and Deployment Guide” document, section ' **How to Restart Servers** '.

10

Logging Area

- [Introduction](#)

10.1 Introduction

This part of the document will talk about the logs area where after deployment of Common Core Applications in WebLogic server.

- [Logging Area](#)

10.1.1 Logging Area

Trade Finance Application writes logs in the below area of the server-
<WEBLOGIC_DOMAIN_CONFIG_AREA>/logs/<<micro-service-name>>.logLet's assume a domain has been created OBTFPM with managed_server name called OBTFPM in the following area of the server

/scratch/oracle/middleware/user_projects/domains/OBTFPM. Logging area for Trade Finance would be /scratch/oracle/middleware/user_projects/domains/OBTFPM/logs/<<micro-service-name>>.logp