

Blockchain Utility  
Oracle FLEXCUBE Investor Servicing  
Release 14.5.4.0.0  
[May] [2022]



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# Table of Contents

- 1. BLOCKCHAIN WAR UPDATE UTILITY ..... 1-1
  - 1.1 INTRODUCTION ..... 1-1
  - 1.2 SETTING UP RESTSERVICE RESTEJB APPLICATION..... 1-1
    - 1.2.1 Prerequisites ..... 1-1
    - 1.2.2 Updating WAR File..... 1-1
    - 1.2.3 Deployment of BlockChain Adapter in Application Server ..... 1-4

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# 1. Blockchain WAR Update Utility

## 1.1 Introduction

This chapter explains the steps for updating property and configuration XML files available in Blockchain Adapter WAR using Oracle FLEXCUBE Installer.

## 1.2 Setting up RestService RESTEJB Application

This section explains the methods of updating Blockchain Adapter WAR.

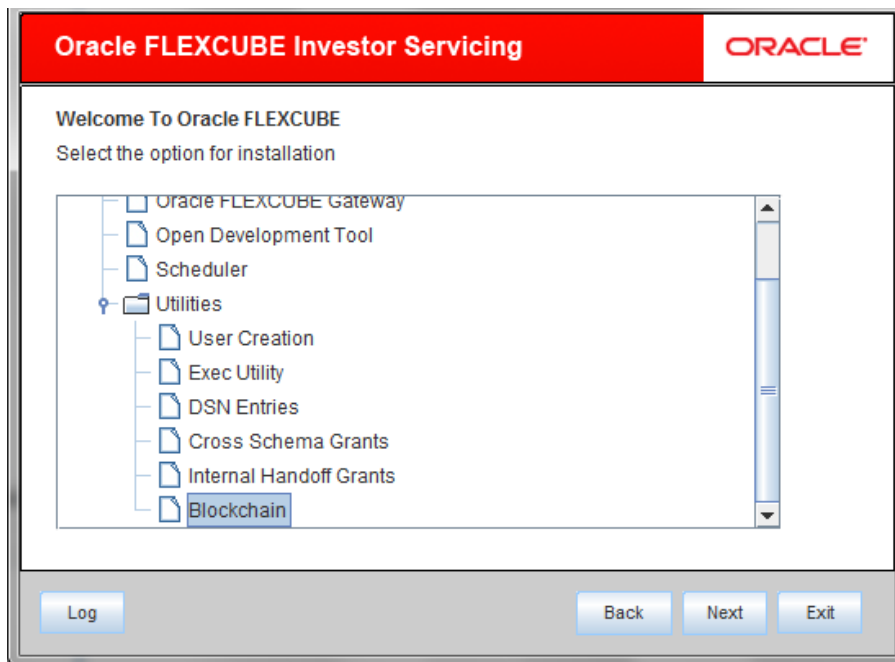
### 1.2.1 Prerequisites

- Blockchain Adapter WAR file needs to be copied from ADAPTERS folder in Shipment Location.

### 1.2.2 Updating WAR File

In order to update WAR file for Blockchain Adapter configuration, you need to follow the steps given below:

1. Launch Oracle FLEXCUBE Universal Installer. The welcome screen is displayed.
2. Click 'Next'. The following screen will be displayed.



Choose the Application 'Blockchain' under Utilities section. Click 'Next'. The following screen is displayed:

**Oracle FLEXCUBE Investor Servicing** **ORACLE**

**Modify Property File in WAR file**

War Path Location  **Save**

Select Property File **Select File Name** ▼

Property name	Value

**Log** **Back** **Next** **Exit**

3. Select the Blockchain Adapter WAR file for modifying the properties and Configuration XMLs:

**Oracle FLEXCUBE Investor Servicing** **ORACLE**

**Modify Property File in WAR file**

War Path Location  **Save**

Select Property File **application.properties** ▼

**100%**

Property Name	Value
spring.datasource.jndi-name	jdbc/BATMB
spring.datasource.test/WhileIdle	true
spring.datasource.validationQuery	SELECT 1
spring.jpa.show-sql	true
spring.jpa.hibernate.naming.implicit-str...	org.hibernate.boot.model.naming.Implici...
spring.jpa.hibernate.naming.physical-str...	org.springframework.boot.orm.jpa.hiber...
spring.jpa.properties.hibernate.dialect	org.hibernate.dialect.Oracle10gDialect

**Log** **Back** **Next** **Exit**

Select Application.properties to modify the jndi name for the respective LOB schema. Click on 'Save' to commit the changes.

No other property file to be modified. Click 'Next'. The following screen is displayed:

The screenshot shows the 'Modify XML File in WAR file' window. At the top, there is a red header with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, the title 'Modify XML File in WAR file' is displayed. A 'Select XML File' dropdown menu is set to 'CamelContext.xml', with a 'Save' button to its right. A green progress bar is visible below the dropdown. The main area contains an XML editor with the following content:

```
<beans xmlns="http://www.springframework.org/schema/beans"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="
        http://www.springframework.org/schema/beans
        http://www.springframework.org/schema/beans/spring-beans.xsd
        http://camel.apache.org/schema/spring
        http://camel.apache.org/schema/spring/camel-spring.xsd">
  <bean id="sqlComponent" class="org.apache.camel.component.sql"
        <property name="dataSource" ref="dataSource" />
</bean>
```

At the bottom, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

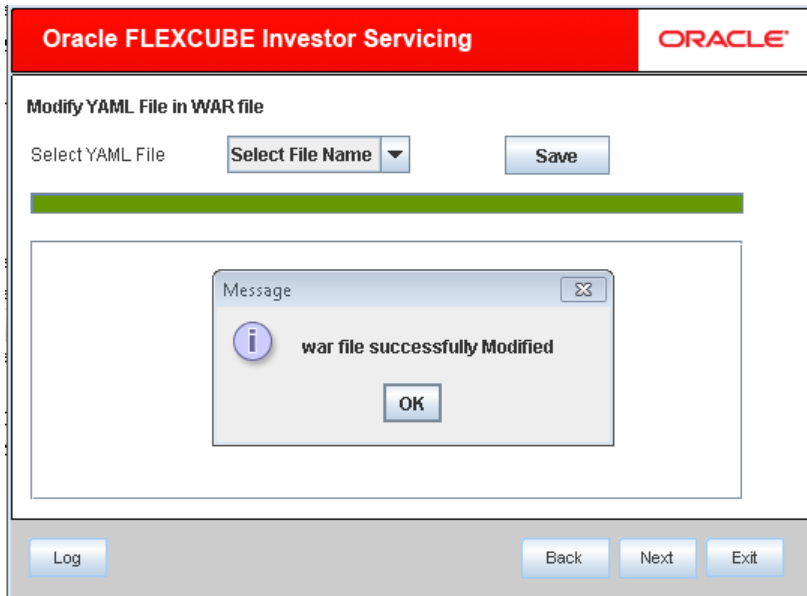
Select Camel Context XML file to modify the configuration. Update Distributed Ledger Client URI as to uri in P2, P4, P6 route ids.

Click on "Save" to commit the changes. No other configuration XML requires changes.

After modifying CamelContext XML file, Click 'Next'. The following screen is displayed:

The screenshot shows the 'Modify YAML File in WAR file' window. At the top, there is a red header with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, the title 'Modify YAML File in WAR file' is displayed. A 'Select YAML File' dropdown menu is set to 'Select File Name', with a 'Save' button to its right. Below the dropdown is a horizontal line. The main area is a large empty rectangular box. At the bottom, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

If there are no YAML files to modify, Click 'Next'. The following screen is displayed:



WAR file is now ready for deployment.

### 1.2.3 **Deployment of BlockChain Adapter in Application Server**

Blockchain Adapter WAR needs to be deployed in different WebLogic/WebSphere application Server or in a different Managed Server.

For Each LOB one adapter installation is required. Create the data source JNDI as given in the configuration XML, pointing to LOB schema.



Gateway Application Setup  
[May] [2022]  
Version 14.5.4.0.0

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