Opticash Installation and CXP Integration Guide

[November 2022]

Revision Record

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# 1. Opticash 10.0.0 Setup from scratch

## DB Schema Setup.

1. Run the DB script **sqlserver-schema.sql**. This will create EMPTY\_OC DB and a user with the name **'EMPTY\_OC'** and the same with the password.
2. To change **'EMPTY\_OC'**, replace **'EMPTY\_OC'** with a user-defined name.
3. Run the DB script **sqlserver-data.sql**. Replace **'EMPTY\_OC'** in case it is changed.

## Application Setup.

1. Update DB props as below.

**JdbcDriver=com.microsoft.sqlserver.jdbc.SQLServerDriver**

**JdbcUrl=jdbc:sqlserver://<host>;DatabaseName=<SCHEMA\_NAME>**

**JdbcParm1Value=<SCHEMA\_NAME>**

**JdbcParm2Value=<SCHEMA\_NAME>**

1. Deploy war in any Tomcat. (Version 9.x + )
2. Add License. Kindly contact Johnson or Murali for license creation.

## CXP Integration Setup.

1. Update the below properties

**AuthMethod=com.ncr.fe.cshmgmt.custom.mesh.auth.MeshAuthorizor**

**AuthClass=MeshAuthorizor**

**MeshEmbedded=true**

**DisableExUserCreation=false**

**cxp\_portal\_base\_url=<point to cxp instance>**

**cxpPortalUsername=<cxp admin username>**

**cxpPortalPassword=<encrypted-pwd> (*Refer 1.4*)**

**LogsPath=C\:\\ncr\\logs\\**

**ImportPath=C\:\\ncr\\import**

**OutputPath=C\:\\ncr\\output**

**log4j.appender.ROL.File=C:/ncr/logs/cxp-opticash.log** in the **WEB-INF/classes/log4j.properties**

1. Add navigation category in the <navigation> tag in file **default-dashboard-config.xml.**

**<navigationCategory key="ocdashboard" icon="fa-th">**

**<navigationItem key="cmdashb" pageRef="pg\_cmdashb" />**

**</navigationCategory>**

1. Add page content inside <pages> in file **default-dashboard-config.xml.**

**<page id="pg\_cmdashb">**

**<row>**

**<column width="100">**

**<portlet type="cmdashb" securityRole="CXP\_BASE\_VIEWER">**

**<debugConfig debug="false" debugPort="9998" />**

**</portlet>**

**</column>**

**</row>**

**</page>**

1. Register the portlet by running the below SQL query.

**Insert into CXP\_DASHBOARD\_PORTLET\_REG (PORTLET\_TYPE,PORTLET\_URL,PORTLET\_CONTEXT,PORTLET\_UIVERSION) values ('cmdashb','/<war-name>/cmportlet.js','http://<host>:<port>',2);**

## Steps to encrypt the password.

1. In encrypt.cmd, set java path and Opticash installation folder.
2. Run encrypt.cmd with the actual password as an argument.

**Note**: Opticash must be deployed before encrypting a password.

# 2. Opticash 10.0.0 Upgrade from 9.14.

1. Steps for DB schema, Application Setup, and License can be skipped.
2. Copy old **opticash.properties** into a new war and deploy it into Tomcat.
3. Before deploying, kindly check all the properties mentioned in the **'CXP Integration Setup'**.
4. Follow the instructions in Step [1.3 CXP Integration Setup](#CXP_Integration_Setup).

**Note**: The deployed war name should match the context name in the cmportlet.js file (e.g., cxp-opticash)

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