Unclassified

**ORSG Support Tool ApplicationConfiguration, Build & Deployment Process**

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**Document Version History**

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# The Document Purpose

The overall purpose of this document is to define the steps involved to configure, build and deploy ORSG Support tool Application.

# Support Tool Domain Configuration

## Application Property Configuration

## Environment Setup

Place all the properties and configuration files under the following path.

* **/<WLS\_DomainHome>/application/configuration/**

Below is the list of Properties and Configuration files that needs to be placed inside this folder.

* BusinessReceipt.xml
* Inboundjmsprops.properties
* log4j.properties
* Notifications.txt
* Outboundjmsprops.properties
* supporttool.properties

Edit the **setDomainEnv.sh** file by adding following lines.

* EXTRA\_JAVA\_PROPERTIES="${EXTRA\_JAVA\_PROPERTIES} -DSITE\_NAME=<Site Name> -DPROP\_HOME=**/<WLS\_DomainHome>/application/configuration/**"
* export EXTRA\_JAVA\_PROPERTIES

## JMS Resource Configuration

Create JMS Queues , JMS Connection factory and JMS Bridge as per JNDI naming convention which are configured in supporttool.properties file. (P.S. JMS Bridge has no role in Support Tool App Functionality). Below are the list of queues and Connection Factory.

* **com.bt.b2b.jms.orss.supporttool.orss\_to\_nimsor (Inbound)**
* **com.bt.b2b.jms.orss.supporttool.orss\_to\_nimsrobt (Inbound)**
* **com.bt.b2b.jms.orss.supporttool.bps\_to\_b2b (Outbound)**
* **com.bt.b2b.jms.orss.supporttool.connectionfactory.<Domain Name>.sacf**

## JDBC Datasource Configuration

Create jdbc multi-datasources with the following JNDI names as mentioned in supporttool.Properties.

**Site 1:**

* **com.bt.jdbc.dataSource.multi.orss.supporttool.<Domain Name>**
* **com.bt.jdbc.dataSource.rac1.orss.supporttool.<Domain Name>**
* **com.bt.jdbc.dataSource.rac2.orss.supporttool.<Domain Name>**

**Site 2:**

* **com.bt.jdbc.dataSource.multi.orss.supporttool.<Domain Name>**
* **com.bt.jdbc.dataSource.rac1.orss.supporttool.<Domain Name>**
* **com.bt.jdbc.dataSource.rac2.orss.supporttool.<Domain Name>**

# Logging Configuration

* Set appropriate path for log file as per requirement. Modify the location by editing log4j.properties file placed under the folder **/<WLS\_DomainHome>/application/configuration/**
* Change the “log4j.appender.R.File property” value to desired location. i.e.**/<WLS\_DomainHome>/<Logging\_Mountpoint>/supporttool.log**
* Also change the log level as per requirement. Currently it is set to “DEBUG”.

# Database Configuration

Use below attached DDL file to create tables and execute the insert statements.



# SupportTool Application Build & Deployment

* Check out latest code from SVN using below mentioned path. <https://collaborate.bt.com/svn/b2bapps/branches/ORSG_SUPPORT_TOOL/SupportTool/>.
* Go into SupportTool folder and execute the run.bat/run.sh to open the terminal window.
* Edit build.bat/build.sh file by modifying path for JAVAand Maven runtime. Execute build.bat/build.sh.
* EAR file will be generated inside below mentioned folder.

**SupportTool\components\SupportToolEar\target\**

* Place the generated EAR inside **/<WLS\_DomainHome>/application/ear/** folder.
* After ensuring completion of all above configuration steps, stop the Weblogic server and add below block of lines in config.xml after **<configuration-version>** tag.

<app-deployment>

<name>SupportToolEAR</name>

<target>AdminServer</target>

<module-type>ear</module-type>

<source-path**/<WLS\_DomainHome>/application/ear/SupportToolEAR.ear**</source-path>

<security-dd-model>DDOnly</security-dd-model>

<staging-mode>nostage</staging-mode>

<plan-staging-mode xsi:nil="true"></plan-staging-mode>

<cache-in-app-directory>false</cache-in-app-directory>

</app-deployment>

* Make sure when editing config.xml, weblogic server should and must be stopped.
* Start the weblogic server.

## Admin User Creation

* After server being in running state open browser window and hit following URL.

**http://<hostname:ip>/CommonWeb/registration**

* Create the user with admin credentials.
* Hit following URL to access Supporttool Web App login page.

**http://<hostname:ip>/CommonWeb/**

* Provide the credentials of newly created user to log into the application.

# Glossary

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| **Term** | **Meaning** |
| B2B | Business to Business |
| BPS | Business Process Service |

# References

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| **Reference** | **Meaning** |
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