1. **Copying External JARs**

Copy cnk-caching and MongooDriver JAR in :

(Oracle\_Home)\soa\soa\modules\oracle.soa.ext\_11.1.1\classes\cnk-caching.jar

(Oracle\_Home)\soa\soa\modules\oracle.soa.ext\_11.1.1\classes\mongo-java-driver-3.4.3.jar

Example:

D:\Oracle2\Middleware\Oracle\_Home\soa\soa\modules\oracle.soa.ext\_11.1.1\classes\cnk-caching.jar

D:\Oracle2\Middleware\Oracle\_Home\soa\soa\modules\oracle.soa.ext\_11.1.1\classes\mongo-java-driver-3.4.3.jar

Need to build oracle.soa.ext.jar

For doing it manually set Ant build path and run ant command in the location (Oracle\_Home)\soa\soa\modules\oracle.soa.ext\_11.1.1

1. **To by-pass a particular supplier :**

Add Supplier and SearchType value in the below mentioned DVM

oramds:/apps/supplier/Accommodation/common/cacheConfig.dvm

Search Type Description

0 - First search in cache,If not found, send request to supplier ,Cache supplier response in OTA Format

1 - Always send request to supplier

2 - Search only in cache

5 - Search in cache,Irrespective of whether search results were found or not found in cache, send request to supplier,Cache supplier response in OTA Format

9 - Send request to supplier,Cache supplier response in OTA Format



1. **JAR import in BPEL:**

If the JAR is not working check import JAR in bpel with below syntax:

<import location="com.coxandkings.travelogix.caching.CachingUtil"

importType="http://schemas.oracle.com/bpel/extension/java"/>

1. **For Logging Configurations:**

Add the following Entry into logging.xml file:

1. Log handler entry inside handlers:

<log\_handler name='caching-log-handler' class='oracle.core.ojdl.logging.ODLHandlerFactory' level='TRACE:32' filter='oracle.dfw.incident.IncidentDetectionLogFilter'>

<property name='encoding' value='UTF-8'/>

<property name='useDefaultAttributes' value='false'/>

<property name='maxFileSize' value='10485760'/>

<property name='useThreadName' value='true'/>

<property name='supplementalAttributes' value='DSID,J2EE\_APP.name,J2EE\_MODULE.name,WEBSERVICE.name,WEBSERVICE\_PORT.name,oracle.soa.tracking.FlowId,oracle.soa.tracking.InstanceId,oracle.soa.tracking.SCAEntityId,oracle.soa.tracking.FaultId,oracle.soa.tracking.RetryCount,composite\_name'/>

<property name='useSourceClassAndMethod' value='TRACE:1'/>

<property name='maxLogSize' value='104857600'/>

<property name='format' value='ODL-Text'/>

<property name='path' value='${domain.home}/servers/${weblogic.Name}/logs/${weblogic.Name}-caching.log'/>

</log\_handler>

1. Logger entry inside loggers:

<logger name='com.coxandkings.caching' level='TRACE:32' useParentHandlers='false'>

<handler name='caching-log-handler'/>

</logger>

Path of logging.xml :

(Domain\_Home)\config\fmwconfig\servers\DefaultServer\logging.xml

Example for DefaultDomain:

C:\Users\shrikant.gourh\AppData\Roaming\JDeveloper\system12.2.1.0.42.151011.0031\DefaultDomain\config\fmwconfig\servers\DefaultServer\logging.xml

1. **For weblogic server script configurations:**

Need to add mongoDBConfig.cfg file path in startWeblogic.cmd.

Path of startWeblogic.cmd : (Domain\_Home)/bin/startWeblogic.cmd

Example: C:\Users\shrikant.gourh\AppData\Roaming\JDeveloper\system12.2.1.0.42.151011.0031\DefaultDomain\bin\startWebLogic.cmd

set JAVA\_OPTIONS=%JAVA\_OPTIONS% -Dmongo.config.file=D:/Temp/mongoDBConfig.cfg -Djava.util.logging.manager=oracle.core.ojdl.logging.ODLLogManager

1. **DVMs Entries :**
2. For 'SearchTypeDefault' value

oramds:/apps/supplier/Air/common/Configurations.dvm

1. To by-pass Supplier

oramds:/apps/supplier/Air/common/cacheConfig.dvm

1. For UpdateInCache option for Price and Reprice

oramds:/apps/supplier/Air/common/SuppUpdateCache.dvm