SAP BusinessObjects

SAP BusinessObjects Xcelsius 2008 LCDS Installation Guide

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Installing Xcelsius LiveCycle Data Services Gateway

The Xcelsius LiveCycle Data Services (XLCDS) Gateway must be installed and running on an Adobe® LiveCycle® Data Services (LCDS) Server in order to take advantage of the LCDS Connection within Xcelsius.

To install the Xcelsius LiveCycle Data Services Gateway:

1. Ensure that an Adobe LiveCycle Data Services Server is installed and configured.

   For more information, please refer to the LiveCycle Data Services Readme on the installation disc, e.g. D:\AddOns\LiveCycle Data Services\Adobe\

2. Locate the XLCDS files on the Xcelsius Installation Disc, e.g. D:\AddOns\LiveCycle Data Services\Adobe\.

3. Copy the Xcelsius Servlet to the appropriate class folder of the LCDS Server.

   classes/xcelsius/servlet/XLCDSServlet.class –> {LCDS}/WEB-INF/classes/xcelsius/servlet/XLCDSServlet.class

4. Copy the XLCDS Destination List to the LCDS Server.

   Xcelsius-config.xml –> ${LCDS}/WEB-INF/Xcelsius-config.xml

5. Copy the XLCDS Destination List Schema to the LCDS Server.

   Xcelsius-config.xsd –> ${LCDS}/WEB-INF/Xcelsius-config.xsd

6. Add a servlet entry and a servlet mapping entry for the new Xcelsius Servlet into the existing LCDS Web Application deployment descriptor file, e.g. ${LCDS}/WEB-INF/web.xml.

```
<servlet>
  <servlet-name>XcelsiusServlet</servlet-name>
  <servlet-class>xcelsius.servlet.XL
CDSServlet</servlet-class>
```

```
  <init-param>
    <param-name>configuration.file</param-name>
    <param-value>/WEB-INF/Xcelsius-config.xml</param-
value>
  </init-param>
</servlet>

<servlet-mapping>
  <servlet-name>XcelsiusServlet</servlet-name>
  <url-pattern>/xcelsius/*</url-pattern>
</servlet-mapping>
```

A sample Web Application deployment descriptor file (web.xml) is included with the Installation Disc as a reference.

To configure the Xcelsius LiveCycle Data Services Gateway

1. Create data destinations on your LCDS Server.

   For more information, please refer to the LiveCycle Data Services Readme on the installation disc, e.g. D:\AddOns\LiveCycle Data Services\Adobe\

2. Open the Xcelsius Destination List on the LCDS Server, e.g. ${LCDS}/WEB-INF/Xcelsius-config.xml
3. Create a new "destination" node for each LCDS destination that you want to expose to the LCDSConnection within Xcelsius .
   - Each destination should have an "id" node corresponding to a valid LCDS destination defined in the LCDS Message Service configuration file (messaging-config.xml).
   - Each destination should also describe the available data fields for the destination, including the type of the field as well as how that field should be mapped when bound to an Xcelsius range.
   - The XLCDS Destination List Schema (Xcelsius-config.xsd) defines the exact structure of the XML required.
   - A sample destination node is shown below as a reference:

```
<destination>
  <id>stockFeed</id>
  <description>Real-time stock feed.</description>
  <metadata>
    <field datatype="String" shape="Single
```

```
ton">stock-symbol</field>
    <field datatype="String" shape="Single
ton">stock-price</field>
  </metadata>
</destination>
```

4. Ensure that destinations are started before connecting to them through the Xcelsius LCDS Connection.

More Information

Information Resource	Location
SAP BusinessObjects product information	*http://www.sap.com*
SAP Help Portal	Select *http://help.sap.com* > SAP BusinessObjects. You can access the most up-to-date documentation covering all SAP BusinessObjects products and their deployment at the SAP Help Portal. You can download PDF versions or installable HTML libraries. Certain guides are stored on the SAP Service Marketplace and are not available from the SAP Help Portal. These guides are listed on the Help Portal accompanied by a link to the SAP Service Marketplace. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.

Information Resource	Location
SAP Service Marketplace	*http://service.sap.com/bosap-support* > Documentation • Installation guides: *https://service.sap.com/bosap-instguides* • Release notes: *http://service.sap.com/releasenotes* The SAP Service Marketplace stores certain installation guides, upgrade and migration guides, deployment guides, release notes and Supported Platforms documents. Customers with a maintenance agreement have an authorized user ID to access this site. Contact your customer support representative to obtain an ID. If you are redirected to the SAP Service Marketplace from the SAP Help Portal, use the menu in the navigation pane on the left to locate the category containing the documentation you want to access.
Developer resources	*https://boc.sdn.sap.com/* *https://www.sdn.sap.com/irj/sdn/businessobjects-sdklibrary*
SAP BusinessObjects articles on the SAP Community Network	*https://www.sdn.sap.com/irj/boc/businessobjects-articles* These articles were formerly known as technical papers.
Notes	*https://service.sap.com/notes* These notes were formerly known as Knowledge Base articles.
Forums on the SAP Community Network	*https://www.sdn.sap.com/irj/scn/forums*

Information Resource	Location
Training	*http://www.sap.com/services/education* From traditional classroom learning to targeted e-learning seminars, we can offer a training package to suit your learning needs and preferred learning style.
Online customer support	*http://service.sap.com/bosap-support* The SAP Support Portal contains information about Customer Support programs and services. It also has links to a wide range of technical information and downloads. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.
Consulting	*http://www.sap.com/services/bysubject/businessobjectsconsulting* Consultants can accompany you from the initial analysis stage to the delivery of your deployment project. Expertise is available in topics such as relational and multidimensional databases, connectivity, database design tools, and customized embedding technology.