

Oracle Insurance SoftRater for WebSphere Installation Guide

Version 3.12

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Oracle Insurance Insbridge Rating and Underwriting SoftRater for WebSphere Installation Guide

Version 3.12

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Preface

Welcome to the *Oracle Insurance Insbridge Rating and Underwriting SoftRater for WebSphere Installation Guide*. SoftRater for WebSphere is an EJB application that can be installed on an IBM WebSphere Application Server. SoftRater is the multi-platform rating engine component within the Insbridge Rating and Underwriting System (IBRU) that executes the rating and underwriting instructions as defined by the user in RateManager.

The Insbridge SoftRater Server (IBSS) is the container for all Insbridge web components including the SoftRater Engine. All independent Insbridge components will be contained in the SoftRater Server.

Audience

This guide is intended for technical personal, such as installers, system administrators and others tasked with configuring SoftRater that would be involved in the maintenance and operation of SoftRater or RateManager. The audience for this guide should have a thorough knowledge of WebSphere.

Additional Information

For more information, see these Oracle Insurance resources:

- Oracle Insurance IBSS User Guide

Notational Conventions

This section explains the conventions used in this book:

- Menu selections are shown with arrows. For example, the command to select the **Print** choice from the **File** menu looks as follows:

Select **File**►**Print**

- File names, path names and actions to be taken are shown in **bold**.
- New or emphasized terms are shown in *italics*.
- `Monospace` type indicates code that appears on the screen or that you must enter.

E-Delivery

The Insbridge Rating and Underwriting (IBRU) System is available as a download from the Oracle E-Delivery system. Downloaded files are zipped. Prior to installation, please make sure the source machine(s) where SoftRater for WebSphere will be loaded has an unzip utility.

An unzip utility for most platforms is available on the E-Delivery download page.

Documentation from E-Delivery is in PDF format. Prior to installation, please make sure the source machine(s) where SoftRater for WebSphere documentation will be loaded has a PDF reader.

Files are downloaded with part numbers as file names. Please make note of the part numbers you have downloaded and the corresponding file name. For example, if the SoftRater for WebSphere 3.12.0 installation file is part # 15555-01, the file name should be V15555-01. This information may be required if you need to contact Oracle Insurance Support.

The SoftRater for WebSphere version 3.12.0 zip file will contain:

- The SR_WS_2.0.0.69.ear file, which contains the config file.

License files are no longer required.

If you are using Insbridge Framework Administrator and RateManager, SoftRater can be installed any time after the Insbridge Framework Administrator and RateManager have been installed. SoftRater must be installed prior to any users creating packages.

Manual History

New editions incorporate any updates issued since the previous edition.

Edition	Publication Number	Product Version	Publication Date	Comment
1 st Edition	P01-706-01			
2 nd Edition	P01-706-02	V 3.5		
3 rd Edition	P01-706-03	V 3.6	03/14/2006	Update 3.6
4 th Edition	P01-706-04	V 3.6	08/09/2006	Update logo
5 th Edition	P01-706-05	V 3.7	10/05/2006	Update to 3.7
6 th Edition	P01-706-06	V 3.8	7/19/2007	Update to 3.8
7 th Edition	P01-706-07	V 3.8.3	10/19/2007	Update to 3.8.3
8 th Edition	P01-706-08	V 3.8.5	November 2007	Update to 3.8.5
9 th Edition	P01-706-09	V 3.8.7	January 2008	Update to 3.8.7
10 th Edition	P01-706-10	V 3.8.8	March 2008	Update to 3.8.8
11 th Edition	P01-706-11	V 3.9	May 2008	Update to 3.9
12 th Edition	P01-706-12	V 3.10.0	September 2008	Update to 3.10
13 th Edition	P01-706-13	V 3.11	December 2008	Update to 3.11
14 th Edition	P01-706-14	V 3.12	July 2009	Update to 3.12

System Requirements

IBM WebSphere 6.1

SoftRater for WebSphere has been installed and tested on IBM WebSphere Advanced Server version 6.1 and up.

Locating the Configuration Files

The SoftRater for WebSphere zip file should be downloaded to the WebSphere server prior to configuration. Unzip the file. There will be an .EAR file inside.

- **SR_WS_2.0.0.69.ear, which contains the config file**
Insbridge.net.softmaterconfig.xml

Please make note of the location of the files. You will need to extract the config file from this location.

IBSR or IBRM Database Server

SoftRater for WebSphere can rate against either an IBSR (SoftRater) or IBRM (RateManager) database. For a production environment, Oracle Insurance suggests only using a complete IBSR database.

See page 20 below for more details on creating the IBSR database.

IMPORTANT

It is strongly recommended that any database modification be performed by a qualified database administrator (DBA). The database setup procedures and tasks require the skill set of a database administrator. If you are not a database administrator, please stop. Improper setup may result in unwelcome changes to the database. Please consult with a qualified database administrator before proceeding.

Installation Procedures

Create INSBRIDGE_APP_DIR in Name Space Bindings

SoftRater uses an XML configuration (insbridge.net.softraterconfig.xml) file to store information in the configured rating environments. This file needs to be accessible to the IBSS in order to operate. The location to define where the config file is located is stored using a Name Space Binding string in the WebSphere server configuration.

To create the INSBRIDGE_APP_DIR string, from the WebSphere Admin console, browse to the following location:

Environment → Naming → Name Space Bindings

Change the scope to the **Server** level by selecting it and click **Apply**.

Name Space Bindings

Name Space Bindings

Use this page to configure a name binding of a constant string value, an enterprise bean, a CORBA CosNaming Naming Context or CORBA leaf node object, or an object that can be looked up by using JNDI.

☒ Scope: Cell=**cell**, Node=**node**, Server=**server1**

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#)

Node=node, Server=server1

All scopes
Cell=cell
Node=node
Node=node, Server=server1

New

Figure 1 Changing Scope to Server

Once you have changed to the server level, click **New**.

New Name Space Binding

Use this wizard to configure a new name space binding.

→ **Step 1: Specify binding type**

Step 2: Specify basic properties

Step 3: Summary

Specify binding type

Binding type

- ☒ String
- ☐ EJB
- ☐ CORBA
- ☐ Indirect

Next **Cancel**

Figure 2 Creating a New Name Space

Select String and then click **Next**.

New Name Space Binding

Use this wizard to configure a new name space binding.

Step 1: Specify binding type

→ **Step 2: Specify basic properties**

Step 3: Summary

Specify basic properties

Binding type
String

* Binding identifier
[Text Field]

* Name in name space
[Text Field]

* String value
[Text Field]

Previous **Next** **Cancel**

Figure 3 Create Name Space Binding

Create a Name Space Binding and Binding Identifier at the server level called INSBRIDGE_APP_DIR. The actual string value is the directory path location where the insbridge config file will be located relative to the WebSphere server.

Then select **Next** and **Finish**. Save to the master configuration.

More details regarding the config file are located on page 23, Configuration of the Insbridge Framework Components.

Create an Insbridge Shared Library for DB2

If you are utilizing a DB2 database, you must create an Insbridge shared library. If you are not using DB2, you can proceed to installing the EAR file (SW_WS_2.0.0.69).

The Insbridge SoftRater for WebSphere uses a shared library to contain the DB2 information. The JAR file must be copied to the WebSphere Application Server. The DB2 JAR file should be in your DB2 installation folder java directory. You may also download this file from IBM directly.

To create the shared library from the WebSphere Admin console, browse to the following location:

Environment → Shared Libraries

By default, it should be at the Node scope. Change the scope to Node = node, Server = server1 by selecting it and then click **Apply** so that the screen looks similar to:

Shared Libraries

Use this page to define a container-wide shared library that can be used by deployed applications.

☒ Scope: Cell=**cell**, Node=**node**, Server=**server1**

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#)

Node=node, Server=server1

Figure 4 Creating a Shared Library

Click **New** and fill out the information as shown below.

Configuration		
General Properties		
Name	<input type="text" value="DB2_JAR_FILE"/>	<small>The name of the shared library</small>
Description	<input type="text" value="DB2 Jar file."/>	<small>An optional description for this shared library.</small>
Classpath	<input type="text" value="P:\nsbridge\DB2\vb2jcc.jar"/>	<small>A classpath containing this library's jar(s). Classpath entries are separated by using the ENTER key and must not contain path separator characters (such as '/' or '\'). Classpaths may contain variable (symbolic) names which can be substituted using a variable map.</small>
Native Library Path	<input type="text"/>	<small>An optional path to any native libraries (.dll's, .so's) required by this shared library.</small>
<input type="button" value="Apply"/> <input type="button" value="OK"/> <input type="button" value="Reset"/> <input type="button" value="Cancel"/>		

Figure 5 Creating DB2 Library

Click on **OK** and then **Save** to apply the changes to the master configuration.

IMPORTANT

The classpath is the location of the Insbridge\DB2\db2jcc.jar file on the WebSphere server. The share directory has to be wherever the drive is located.

Installing the EAR File

1. Log on to the Administrative Console ex: http://WAS_SERVER:9080/admin/
2. Select Application → Install New Application
3. Select the location from where to upload the EAR file (SW_WS_2.0.0.69) and select **Next**.

Preparing for the application installation

Specify the EAR, WAR, JAR, or SAR module to upload and install.

Path to the new application

☒ Local file system

Full path
C:\Documents and Settings Browse...

☐ Remote file system

Full path
Browse...

Context root
Used only for standalone Web modules (.war files) and SIP modules (.sar files)

How do you want to install the application?

☐ Prompt me only when additional information is required.

☒ Show me all installation options and parameters.

Next Cancel

Figure 6 Installing the EAR File

4. Choose the default bindings.

Preparing for the application installation

Choose to generate default bindings and mappings.

☐ Generate Default Bindings

Prefixes:

☒ Do not specify unique prefix for beans

☐ Specify Prefix:

Prefix
ejb

Override:

☒ Do not override existing bindings

☐ Override existing bindings

Virtual Host

☒ Do not use default virtual host name for Web or SIP modules

☐ Use default virtual host name for Web and SIP modules:

Host name
default_host

Specific bindings file
Browse...

Previous Next Cancel

Figure 7 Adding Default Bindings

5. Make sure settings are:

- **Prefixes** – Do not specify unique prefix for beans
- **Override** – Do not override existing bindings
- **Virtual Host** – Do not use default virtual host name for Web or SIP modules

6. Click **Next** to continue.

NOTE

This screen will only be displayed if you selected “*Show all installation options and parameters*” on the previous screen.

7. Provide Options to suit your environment. We suggest selecting Pre-compile JSP for improved performance.

[Step 2](#) Map modules to servers

[Step 3](#) Provide JSP reloading options for Web modules

[Step 4](#) Map shared libraries

[Step 5](#) Initialize parameters for servlets

[Step 6](#) Provide JNDI names for beans

[Step 7](#) Map virtual hosts for Web modules

[Step 8](#) Map context roots for Web modules

[Step 9](#) Ensure all unprotected 2.x methods have the correct level of protection

[Step 10](#) Summary

Specify the various options that are available to prepare and install your application.

☐ Precompile JavaServer Pages files

Directory to install application

☒ Distribute application

☐ Use Binary Configuration

☐ Deploy enterprise beans

Application name

☒ Create MBeans for resources

☐ Enable class reloading

Reload interval in seconds

☐ Deploy Web services

Validate Input off/warn/fail

☐ Process embedded configuration

File Permission

Allow all files to be read but not written to

Allow executables to execute

Allow HTML and image files to be read by everyone

Application Build ID

☐ Allow dispatching includes to remote resources

☐ Allow servicing includes from remote resources

Figure 8 Providing Options

8. Click **Next** to continue.

NOTE

This screen will only be displayed if you selected “*Show all installation options and parameters*” on the first screen.

9. Map modules to application servers.

Map modules to servers

Specify targets such as application servers or clusters of application servers where you want to install the modules that are contained in your application. Modules can be installed on the same application server or dispersed among several application servers. Also, specify the Web servers as targets that serve as routers for requests to this application. The plug-in configuration file (plugin-cfg.xml) for each Web server is generated, based on the applications that are routed through.

Clusters and Servers:

WebSphere:cell=oracle-ro5nh1cNode01Cell,node=oracle-ro5nh1cNode01,server=server1

Select	Module	URI	Server
<input type="checkbox"/>	SoftRaterEJB	SoftRaterEJB.jar,META-INF/ejb-jar.xml	WebSphere:cell=oracle-ro5nh1cNode01Cell,node=oracle-ro5nh1cNode01,server=server1
<input type="checkbox"/>	SoftServicesEJB	SoftServicesEJB.jar,META-INF/ejb-jar.xml	WebSphere:cell=oracle-ro5nh1cNode01Cell,node=oracle-ro5nh1cNode01,server=server1
<input type="checkbox"/>	InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/web.xml	WebSphere:cell=oracle-ro5nh1cNode01Cell,node=oracle-ro5nh1cNode01,server=server1

Figure 9 Mapping to Application Servers

10. Provide JSP reloading options for Web modules

Provide JSP reloading options for Web modules

Servlet and JSP 's reload attributes can be specified per module.

Web module	URI	JSP enable class reloading	JSP reload interval in seconds
InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/ibm-web-ext.xml	<input checked="" type="checkbox"/>	<input type="text" value="10"/>

Figure 10 JSP reloading options for web modules

11. Map Shared Libraries

Map shared libraries

Specify shared libraries that the application or individual modules reference. These libraries must be defined in the configuration at the appropriate scope.

Reference shared libraries

Select	Application	URI	Shared Libraries
<input checked="" type="checkbox"/>	InsBridge.Fwk.APP	META-INF/application.xml	

Select	Module	URI	Shared Libraries
<input checked="" type="checkbox"/>	InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/web.xml	

Figure 11 Map shared libraries

12. Initialize parameters for servlets

Initialize parameters for servlets					
Servlet's initial parameter defined in the deployment descriptor can be edited.					
Web module	URI	Servlet	Name	Description	Value
InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/web.xml	rpcrouter	faultListener		<input type="text" value="org.apache.soap.server."/>
InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/web.xml	messengerouter	faultListener		<input type="text" value="org.apache.soap.server."/>

Figure 12 Initialize parameters for servlets

13. Provide JNDI Names for Beans – accept the default.

Provide JNDI names for beans			
Each non-message-driven enterprise bean in your application or module must be bound to a Java Naming and Directory Interface (JNDI) name.			
EJB module	EJB	URI	Target Resource JNDI Name
SoftRaterEJB	SoftRater	SoftRaterEJB.jar,META-INF/ejb-jar.xml	<input type="text" value="ejb/com/insbridge/softra"/>
SoftRaterEJB	SoftData	SoftRaterEJB.jar,META-INF/ejb-jar.xml	<input type="text" value="ejb/com/insbridge/softd"/>
SoftServicesEJB	SoftServicesGateway	SoftServicesEJB.jar,META-INF/ejb-jar.xml	<input type="text" value="ejb/com/insbridge/softs"/>

Figure 13 Providing JNDI Names

14. Map Virtual Hosts.

Map virtual hosts for Web modules		
Specify the virtual host where you want to install the Web modules that are contained in your application. You can install Web modules on the same virtual host or disperse them among several hosts.		
<input checked="" type="checkbox"/> Apply Multiple Mappings		
<div> <input checked="" type="checkbox"/> <input type="checkbox"/> </div>		
Select	Web module	Virtual host
<input checked="" type="checkbox"/>	InsBridge.Fwk.WEB	<input type="text" value="default_host"/>

Figure 14 Mapping Virtual Hosts

15. Map context roots for Web modules

Map context roots for Web modules		
Context root defined in the deployment descriptor can be edited.		
Web module	URI	ContextRoot
InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/web.xml	<input type="text" value="IBSS"/>

Figure 15 Map context roots for Web Modules

16. Ensure all unprotected 2.x methods have the correct level of protections.

Ensure all unprotected 2.x methods have the correct level of protection

Specify whether you want to assign a security role to the unprotected method, add the method to the exclude list, or mark the method as cleared.

☒ Uncheck
☐ Exclude
☐ Role:

Select	EJB module	URI	Protection type
<input type="checkbox"/>	SoftRaterEJB	SoftRaterEJB.jar,META-INF/ejb-jar.xml	methodProtection.uncheck
<input type="checkbox"/>	SoftServicesEJB	SoftServicesEJB.jar,META-INF/ejb-jar.xml	methodProtection.uncheck

Figure 16 Ensuring 2.x Methods

17. Verify your selections on the Summary screen.

Install New Application ?

Specify options for installing enterprise applications and modules.

[Step 1](#) Select installation options

[Step 2](#) Map modules to servers

[Step 3](#) Provide JSP reloading options for Web modules

[Step 4](#) Map shared libraries

[Step 5](#) Initialize parameters for servlets

[Step 6](#) Provide JNDI names for beans

[Step 7](#) Map virtual hosts for Web modules

[Step 8](#) Map context roots for Web modules

[Step 9](#) Ensure all unprotected 2.x methods have the correct level of protection

→ **Step 10: Summary**

Summary

Summary of installation options

Options	Values
Precompile JavaServer Pages files	No
Directory to install application	
Distribute application	Yes
Use Binary Configuration	No
Deploy enterprise beans	No
Application name	InsBridge.Fwk.APP
Create MBeans for resources	Yes
Enable class reloading	No
Reload interval in seconds	
Deploy Web services	No
Validate Input off/warn/fail	warn
Process embedded configuration	No
File Permission	.*\,dll=755#.*\,so=755#.*\,a=755#.*\,sl=755
Application Build ID	Unknown
Allow dispatching includes to remote resources	No
Allow servicing includes from remote resources	No
Cell/Node/Server	Click here

Previous

Finish

Cancel

Figure 17 Summary

18. Select **Finish**. After installation, save to the master configuration.

On the WebSphere Application Server

The location of the SoftRater config file is retrieved from the name space binding string created on page 8. This is the directory location where the SoftRater retrieves the insbridge.net.softraterconfig.xml configuration file.

A default blank insbridge SoftRater config file is located under

\$WAS_HOME/installedApps/NODENAME/Insbridge.Fwk.APP.ear/config.

Copy the insbridge.net.softraterconfig.xml file to the INSBRIDGE_APP_DIR folder.

There is also an insbridge.net.softraterconfigcache.xml file in this location. You can copy this file as well; however, it is not required.

Assigning the Shared Insbridge Libraries

1. From the WebSphere Admin console, browse to Applications → Enterprise Applications and select Insbridge.Fwk.APP to modify the extended properties.
2. At the bottom of the screen select the Shared Library references link to assign the libraries. Select Insbridge.Fwk.App and click Reference shared libraries

Enterprise Applications ?

[Enterprise Applications](#) > [InsBridge.Fwk.APP](#) > **Shared library references**

Shared Library Mapping for Modules

Specify shared libraries that the application or individual modules reference. These libraries must be defined in the configuration at the appropriate scope.

Reference shared libraries			
Select	Application	URI	Shared Libraries
<input checked="" type="checkbox"/>	InsBridge.Fwk.APP	META-INF/application.xml	
Select	Module	URI	Shared Libraries
<input type="checkbox"/>	InsBridge.Fwk.WEB	InsBridge.Fwk.WEB.war,WEB-INF/web.xml	

Figure 18 Shared Library References

3. Select **JWLLib** and, if you are running DB2, the DB2_JAR_FILE, and add both to right hand side.
4. Click **OK**.

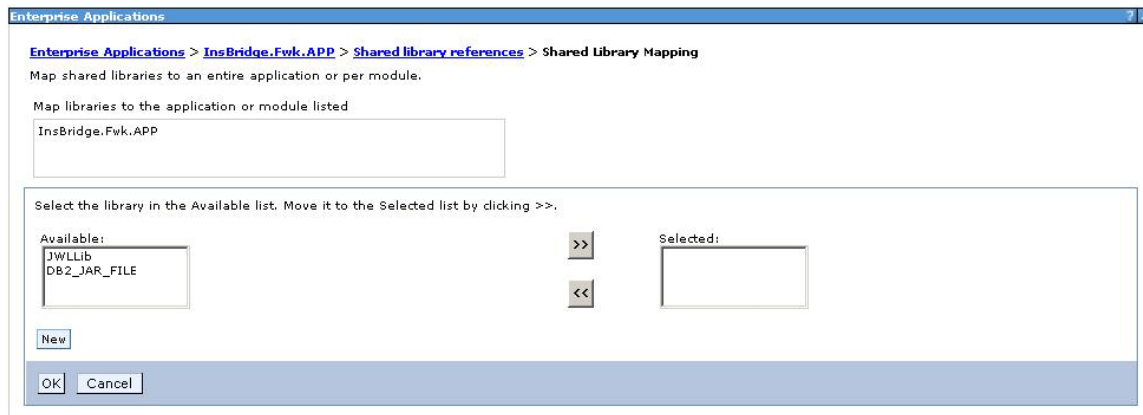


Figure 19 Assigning Library

5. Click **OK** and then save to the master configuration.

NOTE

The DB2_JAR_FILE will be displayed if you are using a DB2 database. If you are not using a DB2 database, this option will not be available.

The Insbridge SoftRater Server EAR may now be started from the WSAS Administrative Console.

Creating a SoftRater Database

The Insbridge Framework Application container for the SoftRater J2EE EJB contains the JDBC connection drivers that support operational connectivity to the DBMS system listed before. It also contains vendor specific DDLs for the SoftRater operations database schema creation which can be altered by DBA's for setup compliance for varying corporate environments, i.e. TABLESPACE and SCHEMA target definitions.

To obtain Database Definition Language (DDL) scripts for a target DBMS type view the config/ddl subdirectory in the "Insbridge.Fwk.APP" WebSphere installation directory.

I.e.: \$WAS_HOME/installedApps/NODENAME/Insbridge.Fwk.APP.ear/config/ddl

Please allow the DBA to review the scripts before attempting to create a SoftRater database schema.

The SoftRater EJB data access system contains all the required JDBC drivers for connectivity to the support DBMS's. TCP/IP connection visibility to the DB Platform is required along with the database server system configured connection PORT for operational use of the SoftRater system. No other supplemental drivers or libraries are needed to establish a connection.

IBM DB2

SoftRater database schema is supported on all available DB2 database platforms.

JDBC Driver Class

"com.ibm.db2.jcc.DB2Driver"

For Native AS400 – "com.ibm.as400.access.AS400JDBCdriver"

Supported Version

7, 8

User Account Requirements

Create Table

Create Index

Query access to "SYSIBM.SYSTABLES"

Configuration Settings

- **Required**

The query dynamics of the SoftRater system requires some modification to Configuration settings. The following Performance Configurations parameters required to the target SoftRater database.

Instance Level – ASLHEAPSZ >= 1024

Instance Level – QUERY_HEAP_SZ => 10240

Database Level – APPLHEAPSZ >= 1024

- **Recommended**

The query dynamics of the SoftRater system will benefit from the following modification to Configuration settings.

Instance Level – INTRA_PARRALLEL (Yes) – For Symmetrical Processing Machines (CPU >=2)

Database Level – DFT_DEGREE (-1) – For Symmetrical Processing Machines (CPU >=2). Allow the optimizer to determine the degree of intra-partition parallelism based on the number of processors and the type of query.

Native z/OS

Support for IBM DB2 for native z/OS requires a specific set of the DDL scripts. They are labeled in the ddls/db2 directory with the ZOS DB2.ZOS prefix. DBA's should review these scripts, starting with the DB2.ZOS.SETUP.sql file that contains create templates for default; STORAGE GROUP, DATABASE, default TABLESPACE. All other table create scripts can be reviewed, altered and executed in any other to be consistent with chosen database standards.

Microsoft SQL Server

JDBC Driver Class

"com.microsoft.jdbc.sqlserver.SQLServerDriver"

Supported Version

2000, 2005

User Account Requirements

Create Table

Create Index

Execute on the SoftRater User Defined Stored Procedures

ORACLE

SoftRater database schema is support by all available ORACLE database platforms.

JDBC Driver Class

"oracle.jdbc.driver.OracleDriver"
Using prefix jdbc:oracle:thin:

Supported Version

9, 10

User Account Requirements

Create Table
Create Index
Query access to "SYS.OBJ\$"

Setting up Insbridge.net.softraterconfig.xml Config file

The SoftRater requires a single configuration file “insbridge.net.softraterconfig.xml”. After the EAR installation, a default setup copy of this file is in the “Insbridge.Fwk.APP” installation subdirectory. Before starting the configuration setup process, copy this default file to the following WebSphere setup folder to the INSBRIDGE_APP_DIR. All administrative setup options are saved in this file.

NOTE

If the location is either not defined or not configured, then the SoftRater will default to the old legacy location of \$WSAS_HOME\etc\insbridge folder to look for the configuration file.

NOTE

The user names and passwords stored in the SoftRater config file are encrypted and cannot be manually changed except from the IBSS Admin interface.

The location where the config file resides is defined by the INSBRIDGE_APP_DIR as created on page 8. This location can be anywhere on the server as long as the identity of the process running the WebSphere AppServer has access rights to the defined folder.

For added security, after all the SoftRater environments have been configured and tested, the config file can be made read-only. Thereby no modifications can be made from the IBSS interface until the server administrator makes the file writable.

Managing SoftRater for WebSphere

- All management functions should be performed by the IBSS admin interface available at: http://WAS_SERVER:PORT/IBSS/
- On a default WebSphere installation, this location will be http://WAS_SERVER:9080/IBSS/

NOTE

You may have to update the SOAP Services and Admin Endpoint before being able to administer the SoftRater server. Please check with your local WebSphere Administrator to find the correct values required.

- Most of the management functions are self-explanatory but further explanations are provided below.

SoftRater Server Web

At the first screen of the Insbridge SoftRater Server the following will be displayed:



Figure 20 SoftRater Server Web

At this page, you can see the SoftRater Server web version, and be able to connect to the SoftRater, Update the SOAP Services configuration, or Update the SOAP Admin Endpoint. All of these options are discussed below in the Oracle Insurance Insbridge Rating and Underwriting SoftRater Server User Guide (IBSS).

Update SOAP Services Configuration

The following settings will not have to be changed unless under the direction of an experienced WebSphere administrator. These settings should only be changed if using either WebSphere ND or the standard WebSphere install configuration has been modified from the default to suit your environment.

SoftRater Server - WebSphere Version 2.0.0.69

Edit SOAP Deployment Configuration Settings

Status: Select the Web Services fields to update.

SoftRater EJB

JNDIName	<input type="text" value="ejb/com/insbridge/sofrater/SoftRaterHome"/>
ContextProviderURL	<input type="text" value="iiop://localhost:2809"/>
FullHomeInterfaceName	<input type="text" value="com.insbridge.sofrater.SoftRaterHome"/>
FullContextFactoryName	<input type="text" value="com.ibm.websphere.naming.WsnInitialContextFactory"/>

SoftData EJB

JNDIName	<input type="text" value="ejb/com/insbridge/softdata/SoftDataHome"/>
ContextProviderURL	<input type="text" value="iiop://localhost:2809"/>
FullHomeInterfaceName	<input type="text" value="com.insbridge.softdata.SoftDataHome"/>
FullContextFactoryName	<input type="text" value="com.ibm.websphere.naming.WsnInitialContextFactory"/>

SoftServices Gateway EJB

JNDIName	<input type="text" value="ejb/com/insbridge/softservices/SoftServicesGatewayHome"/>
ContextProviderURL	<input type="text" value="iiop://localhost:2809"/>
FullHomeInterfaceName	<input type="text" value="com.insbridge.softservices.SoftServicesGatewayHome"/>
FullContextFactoryName	<input type="text" value="com.ibm.websphere.naming.WsnInitialContextFactory"/>

Figure 21 Updating SOAP Services

In a WebSphere 5.x ND/Load balanced environment, the JNDIName on each cluster node, will need to be modified from the standard shown above, to a format similar to:

cell/clusters/CLUSTERNAME/ejb/insbridge/....

IMPORTANT

Oracle Insurance currently supports WebSphere 6.1 ND. However, SoftRater is able to run on a WebSphere 7.x ND environment.

clusters/CLUSTERNAME/ejb/insbridge/....

A useful tool for discovering the JNDI Namespaces is available in the \$WSAS_HOME\bin folder called dumpNameSpace.sh or dumpNameSpace..bat. The utility can be run without any command line arguments to retrieve all the available JNDI name spaces.

WARNING

If these settings are different from the default WebSphere installation, then you must contact your WebSphere support personnel to provide these settings to you.

Update Application End Point

Configuration location for changing from the default SOAP endpoint to a custom setting as dictated by the WebSphere configuration. No changes are required unless specified by a WebSphere administrator.

Edit SOAP Endpoint Configuration Setting

Status: Update the SOAP Endpoint.

SOAP Endpoint

Save

Exit

Figure 22 Updating SOAP Endpoint

NOTE

If this setting is different from the default WebSphere installation, then you must contact your WebSphere support personnel to provide this setting for you.

If you need assistance with an Oracle Insurance Insbridge Rating and Underwriting System product, please log a Service Request using My Oracle Support at <http://metalink.oracle.com>.

Address any additional inquiries to:

Oracle Corporation
World Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
U.S.A.

Worldwide Inquiries:
Phone: +1.650.506.7000
Fax: +1.650.506.7200
oracle.com

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