Upgrade and Update Guide
SAP Supplier Relationship Management 7.0 Including Enhancement Package 3 Java

For:
- Java

Target Audience
- System Administrators
- Technology Consultants

PUBLIC
Document version: 1.0 – 2013-08-13
CAUTION
Before you start the implementation, make sure you have the latest version of this document. You can find the latest version at the following location: http://service.sap.com/instguides.

The following table provides an overview of the most important document changes.

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>2013-08-13</td>
<td>First version</td>
</tr>
</tbody>
</table>
# Table of Contents

<table>
<thead>
<tr>
<th>Chapter 1</th>
<th>Getting Started</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Essential Information: Process and Documentation Overview</td>
<td>5</td>
</tr>
<tr>
<td>1.2</td>
<td>Important SAP Notes</td>
<td>6</td>
</tr>
<tr>
<td>1.3</td>
<td>Glossary</td>
<td>6</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>Planning</td>
<td>7</td>
</tr>
<tr>
<td>2.1</td>
<td>Supported Source Releases</td>
<td>7</td>
</tr>
<tr>
<td>2.2</td>
<td>Upgrading Live Auction Cockpit</td>
<td>8</td>
</tr>
<tr>
<td>2.3</td>
<td>Upgrading the Back End</td>
<td>8</td>
</tr>
<tr>
<td>Chapter 3</td>
<td>Preparation</td>
<td>11</td>
</tr>
<tr>
<td>3.1</td>
<td>Free Space Requirements</td>
<td>11</td>
</tr>
<tr>
<td>3.2</td>
<td>Preparing LAC JCo Settings</td>
<td>11</td>
</tr>
<tr>
<td>3.3</td>
<td>Determining Existing Modifications in LAC</td>
<td>12</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>Process</td>
<td>13</td>
</tr>
<tr>
<td>4.1</td>
<td>Note About the Process</td>
<td>13</td>
</tr>
<tr>
<td>4.2</td>
<td>Update and Migration Process for SAP HANA</td>
<td>13</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>Follow-Up Activities</td>
<td>17</td>
</tr>
<tr>
<td>5.1</td>
<td>Migrating Data from an Existing LAC</td>
<td>17</td>
</tr>
<tr>
<td>5.2</td>
<td>Defining a Web Alias</td>
<td>17</td>
</tr>
<tr>
<td>5.3</td>
<td>Migrating Resource Customizations from an Existing LAC</td>
<td>18</td>
</tr>
<tr>
<td>5.4</td>
<td>Performing Follow-Up Activities for the System Landscape Directory</td>
<td>19</td>
</tr>
<tr>
<td>5.5</td>
<td>LAC Smoke Tests</td>
<td>20</td>
</tr>
<tr>
<td>5.5.1</td>
<td>Smoke Testing User Management</td>
<td>20</td>
</tr>
<tr>
<td>5.5.2</td>
<td>Smoke Testing the LAC Applet</td>
<td>21</td>
</tr>
</tbody>
</table>
This page is left blank for documents that are printed on both sides.
1 Getting Started

This section of the guide contains important information that you need to read before starting your update or upgrade process.

1.1 Essential Information: Process and Documentation Overview

You are currently reading the Upgrade and Update Guide for SAP Supplier Relationship Management 7.0 Enhancement Package 4 Java. This guide only contains information specific to SAP SRM, but you need additional information to enable you to perform your upgrade correctly.

NOTE
Specifically, you need to use the following guide in parallel to the Upgrade and Update Guide for SAP Supplier Relationship Management 7.0 Enhancement Package 3 Java:
Update Guide - Update of SAP Systems Using the Software Update Manager <latest version>
You have to use Software Update Manager (SUM) guide in parallel with this application-specific guide, because the two types of guide complement each other — the SUM guide contains the overall process, tool, operating system- and database-specific information while this guide contains the application-specific information.
You find the SUM guide on the SAP Service Marketplace at the same location as the SAP SRM 7.03 Master Guide, see path below.

The SAP SRM 7.13 Master Guide contains a section Main Implementation Processes and Related Documentation with the following subsections with vital information:

- Planning for Installation, Update, and Upgrade Processes
  Contains a list of topics (including documentation references) you need to consider when you are planning your implementation project.
- Implementation of the Installation Process
  Provides a step-by-step overview of the installation process (new installation of an SAP system including an enhancement package), with reference to the required tools and associated documentation.
- Implementation of the Update Process
  Provides a step-by-step overview of the update process (installation of an enhancement package on an existing SAP system), with reference to the required tools and associated documentation.
Implementation of the Upgrade Process

Provides a step-by-step overview of the upgrade process (upgrade to an SAP system including an enhancement package), with reference to the required tools and associated documentation.

**NOTE**

Make sure that you collect all the information provided in this overview before starting your installation, upgrade or update project.


### 1.2 Important SAP Notes

<table>
<thead>
<tr>
<th>Note Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1818517</td>
<td>EHP3 for SAP SRM 7.0 - Release &amp; Information Note</td>
</tr>
<tr>
<td>181255</td>
<td>Overview: Notes about R/3 Add-Ons PI and PI-A</td>
</tr>
<tr>
<td>844817</td>
<td>Technical information for the VMC based AP 7.00 engines</td>
</tr>
<tr>
<td>844816</td>
<td>Information for Upgrade from IPC 4.0 to SAP AP 7.00</td>
</tr>
<tr>
<td>669669</td>
<td>Updating the SAP Component Repository in the SLD</td>
</tr>
</tbody>
</table>

### 1.3 Glossary

This section explains the most common terms and concepts used in the installation, update and upgrade guides.

<table>
<thead>
<tr>
<th>Term / Concept</th>
<th>Definition / Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update</td>
<td>Installation of an enhancement package on an existing SAP system. Update may also refer to other software updates, such as support package deployments. In a profile (see glossary entry below), update is referred to as Enhancement Package Installation.</td>
</tr>
<tr>
<td>Upgrade</td>
<td>Upgrade to an SAP system including an enhancement package</td>
</tr>
<tr>
<td>Installation</td>
<td>New installation of an SAP system including an enhancement package</td>
</tr>
<tr>
<td>Profiling</td>
<td>The guide contains some sections or paragraphs that are profiled, that is, they are used in various contexts (upgrade, update, installation, ABAP and Java). For example, a section may be used for both upgrade and update topics. A profile is indicated by brackets above and below the profiled section and the profiling context it is valid for.</td>
</tr>
<tr>
<td>OS</td>
<td>Abbreviation for operating system.</td>
</tr>
<tr>
<td>DB</td>
<td>Abbreviation for database.</td>
</tr>
</tbody>
</table>

PUBLIC 2013-08-13
2 Planning

This section of the guide contains important information that you need to read before starting your update or upgrade process.

2.1 Supported Source Releases

This section provides an overview of the supported upgrade and update paths for SAP Supplier Relationship Management (SAP SRM).

Before the update or upgrade, your SAP system must have one of the source releases that have been released for this update or upgrade and apply to all databases.

**CAUTION**

If you have to apply Support Packages to your source release shortly before the update or upgrade, check whether the equivalent Support Package for the target release is already available. Otherwise, this may delay your update or upgrade schedule.

<table>
<thead>
<tr>
<th>Source Releases</th>
<th>Target Release</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP SRM 5.0</td>
<td>SAP SRM 7.13 (based on SAP NetWeaver 7.4 ABAP and SAP NetWeaver 7.40 Java)</td>
<td>A one-step upgrade is possible for all source releases</td>
</tr>
<tr>
<td>SAP SRM 7.0</td>
<td>SAP SRM 7.13 (based on SAP NetWeaver 7.40 ABAP and SAP NetWeaver 7.40 Java)</td>
<td>Update (enhancement package installation)</td>
</tr>
<tr>
<td>SAP SRM 7.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAP SRM 7.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The following Java source releases are supported by the Software Update Manager:

- **Upgrade-related source releases:**
  - SAP Portal Platform 6.0_640 SPS 09 (or higher)
  - SAP SRM Live Auction Cockpit (LAC) 2.0 (or higher)

- **Update-related source releases**
  - SAP NetWeaver 7.0 including enhancement package 1 – Usage Type AS Java, EP Core
  - SAP NetWeaver 7.0 including enhancement package 2 – Usage Type AS Java, EP Core
  - SAP NetWeaver 7.3–Usage type AS JAVA, EP Core
  - SAP SRM Live Auction Cockpit (LAC) 6.0
2.2 Upgrading Live Auction Cockpit

**RECOMMENDATION**

Note that SAP strongly recommends using the Live Auction ABAP version as of SAP SRM 7.01. For more information, see the business function documentation at [http://help.sap.com/srm713](http://help.sap.com/srm713) → Application Help → SAP Library → SAP Supplier Relationship Management → Business Functions and Customizing Switches → SRM, Strategic Sourcing Innovations.

If the Live Auction ABAP version is used, the Java upgrade steps described in this guide are not required.

2.3 Upgrading the Back End

**Procedure**

**Update of the R/3 Plug-In**

When you upgrade your SAP Supplier Relationship Management (SAP SRM) application, you must also upgrade the SAP R/3 Plug-In of your SAP R/3, SAP R/3 Enterprise or SAP ERP Central Component (ECC) back-end system up to and including SAP ERP 5.0.

You require SAP R/3 Plug-In 2004.1. Always use the highest support package level to keep your back-end system as up-to-date as possible.

**NOTE**

As of SAP ERP Central Component (SAP ECC) 6.0, all integration interfaces previously delivered with the SAP R/3 Plug-In and all new or extended integration interfaces are no longer delivered with their own add-on (SAP R/3 Plug-In). Instead, these interfaces are contained directly in SAP ERP ECC.

PI 2004.1 is the final separately delivered SAP R/3 Plug-In release.

For information about the upgrade procedure, see:
- SAP Note 181255

**Dependency of SAP SRM with Other SAP Applications**

For some SAP SRM business functions, it is mandatory to have a specific SAP ERP release or enhancement package in your system landscape. You need to check the technical requirements of the business functions you wish to activate and upgrade your back-end system as needed.

Some SAP SRM business scenarios or deployment options are also dependent on specific SAP ERP releases or other SAP applications. You need to check these technical requirements and perform any necessary upgrades.

This section of the guide contains important information about preparatory tasks that you need to do before starting your update or upgrade process.

### 3.1 Free Space Requirements

Make sure that at least the following free space is available in the system that you want to update (upgrade):

<table>
<thead>
<tr>
<th>Directory</th>
<th>Free Space Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM Directory</td>
<td>Approximately 15 GB</td>
</tr>
<tr>
<td>Download Directory (temporary space requirement)</td>
<td>Approximately 20 GB</td>
</tr>
<tr>
<td>Free space in the database</td>
<td>Approximately 15 GB</td>
</tr>
</tbody>
</table>

### 3.2 Preparing LAC JCo Settings

**Procedure**

If you used the default value `SRMLA_RFCUSER` for the property `jco.client.user` when defining J2EE Configuration (JCo) client settings in your existing Live Auction Cockpit (LAC), you must change the user name with the J2EE visual administrator or J2EE Engine configuration adapter tool, prior to upgrading your system.

**CAUTION**

It is essential that you change the user name so that the upgrade tool recognizes this property value as being customized, and thus copies the setting. If you do not make this change, the upgrade tool overwrites the property setting with a different default value, preventing successful data migration post-upgrade.

For information about modifying JCo property values, see SAP Solution Manager &lt;project name&gt; → Configuration → SAP SRM 7.0 EHP 3 → Basic Settings for Strategic Sourcing → Sourcing with Auction → Settings for Auction → Modifying Properties with the Configuration Adapter.  

---

**3 Preparation**

This section of the guide contains important information about preparatory tasks that you need to do before starting your update or upgrade process.

### 3.1 Free Space Requirements

Make sure that at least the following free space is available in the system that you want to update (upgrade):

<table>
<thead>
<tr>
<th>Directory</th>
<th>Free Space Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM Directory</td>
<td>Approximately 15 GB</td>
</tr>
<tr>
<td>Download Directory (temporary space requirement)</td>
<td>Approximately 20 GB</td>
</tr>
<tr>
<td>Free space in the database</td>
<td>Approximately 15 GB</td>
</tr>
</tbody>
</table>

### 3.2 Preparing LAC JCo Settings

**Procedure**

If you used the default value `SRMLA_RFCUSER` for the property `jco.client.user` when defining J2EE Configuration (JCo) client settings in your existing Live Auction Cockpit (LAC), you must change the user name with the J2EE visual administrator or J2EE Engine configuration adapter tool, prior to upgrading your system.

**CAUTION**

It is essential that you change the user name so that the upgrade tool recognizes this property value as being customized, and thus copies the setting. If you do not make this change, the upgrade tool overwrites the property setting with a different default value, preventing successful data migration post-upgrade.

For information about modifying JCo property values, see SAP Solution Manager &lt;project name&gt; → Configuration → SAP SRM 7.0 EHP 3 → Basic Settings for Strategic Sourcing → Sourcing with Auction → Settings for Auction → Modifying Properties with the Configuration Adapter.
3.3 Determining Existing Modifications in LAC

**Procedure**

If you have customized your existing Live Auction Cockpit (LAC), we recommend that prior to performing the upgrade, you determine which modifications you plan to also make in SAP Supplier Relationship Management (SAP SRM) 7.03.

Since there is no automatic migration of customized settings, you will have to redo them manually in the new system.

For more information, see *Migrating Resource Customizations from Your Existing LAC* [page 18].
This section of the guide contains information about process-related application-specific tasks—if there are any (in some cases, there are no application-specific tasks).

### 4.1 Note About the Process

**NOTE**

The update and upgrade processes are described in detail in the Software Update Manager (SUM) guide:

*Update Guide - Update of SAP Systems Using the Software Update Manager <latest version>*

You have to use the Software Update Manager (SUM) guide in parallel with this application-specific guide, because the two types of guide complement each other — the SUM guide contains the overall process, tool, operating system- and database-specific information while this guide contains the application-specific information.

SAP Supplier Relationship Management 7.0 Enhancement Package 3 actually requires no application-specific steps in the Process section — there are only generic steps documented in the SUM guides.


### 4.2 Update and Migration Process for SAP HANA

This section provides an overview of the update and upgrade process steps required to enable SAP enhancement package 3 for SAP SRM 7.0 to run on SAP HANA. It also provides references to the documentation required for the process steps.

The following table contains definitions of the most important terms used in this section:

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update</td>
<td>Installation of an enhancement package on an existing SAP system.</td>
</tr>
<tr>
<td>Upgrade</td>
<td>Upgrade to an SAP system including an enhancement package.</td>
</tr>
</tbody>
</table>

The update process consists of the steps listed below, some of which may be optional, depending on your start release.
NOTE
Before performing the steps described below, consider making a homogeneous system copy to
preserve your current status, so that you have a reference or fallback system in place. You can do
the system copy before any of the steps below, depending on your requirements and schedule.
For more information about system copy of systems based on SAP NetWeaver 7.3 (or higher), see
the documentation at [http://service.sap.com/sltoolset](http://service.sap.com/sltoolset) ➔ Software Provisioning Manager 1.0 ➔
Software Provisioning Manager 1.0.
For more information about system copy of systems based on SAP NetWeaver releases lower than

1. Installation of Application Function Libraries (AFLs)

2. Dual-stack split
   As of SAP enhancement package 2 for SAP SRM 7.0 you cannot deploy a dual-stack system (with
   both ABAP and Java components running the same system). If your system is currently
   implemented as a dual-stack system, you have to perform a split.
   For information on how to do a dual-stack split, see: 1686144, 1655535 and Tool Guides at [http://service.sap.com/sltoolset](http://service.sap.com/sltoolset) ➔ Software Provisioning Manager 1.0 ➔ Dual-Stack Split.

NOTE
When applying Support Package 1 to SAP enhancement package 3 for SAP SRM 7.0, you have
to use the Software Update Manager.

3. Database migration

NOTE
Before performing these substeps, check the release information note (RIN for SAP SRM 7.00
EHP3 SP1) 1818517.

This step consists of the following substeps:

1. Install SAP HANA
   The SAP HANA appliance software can only be installed by certified hardware partners on
   validated hardware running a specific operating system.

2. To migrate your source database to the SAP HANA database, you perform a heterogeneous
   system copy. How to perform the system copy is described in the guide referenced in the note below.
When planning your database migration, consider the following points:

- The database migration to SAP HANA requires some preparation steps related to the database tables in your system. For example, you need to check the usage of cluster tables and pool tables, because they are automatically resolved to transparent tables during the database migration.

- For more information about migration preparation, available check reports, potential additional efforts, as well as the system copy process in general, see the system copy guides at http://service.sap.com/sltoolset → Software Logistics Toolset 1.0 → Software Provisioning Manager 1.0, and choose Inst. Syst. bsd on NW 7.3 or Higher Using SW Prov. Mgr

- For migration preparation, see also 1785057

- SAP HANA runs natively on Unicode only. If your system is not yet running on Unicode, consider doing the conversion separately before migrating to SAP HANA. The Unicode conversion could technically be done during the database migration (that is, during the heterogeneous system copy), but preparatory steps are required as described in SAP Note 1051576
This page is left blank for documents that are printed on both sides.
5 Follow-Up Activities

This section of the guide describes application-specific steps that have to be done after the update or upgrade process is complete.

5.1 Migrating Data from an Existing LAC

**NOTE**

The data migration is only needed if you are migrating from an SAP Supplier Relationship Management release lower than SAP SRM 6.0. Customer who are on SAP SRM 6.0 or a higher release do not need to run these reports.

After the upgrade, you need to migrate auction data and update the database to initialize new database fields in Live Auction Cockpit (LAC) for SAP Supplier Relationship Management (SAP SRM) 7.13. To do so, you must manually run two post-upgrade reports. If you have a lot of existing auction data in your system, we recommend scheduling a background job to run these reports in order to avoid time-outs.

**NOTE**

Before performing post-upgrade activities, ensure that the J2EE Configuration (JCo) RFC user has S_RFC authorization.

**Procedure**

1. In the SAP SRM system, go to transaction SE38.
2. Run report BBP_LA_DATA_MIGRATION.

**Result**

The data from your existing LAC are migrated.

5.2 Defining a Web Alias

After an upgrade from SRM on NW 70x to SRM on NW73x or higher the WEB alias configuration must be adapted manually again. Refer to section 3.1, Defining Web Alias, of the Installation guide of Supplier Relationship Management 7.0 Including enhancement Package 3 ABAP and JAVA
5.3 Migrating Resource Customizations from an Existing LAC

Your upgraded SAP SRM Live Auction Cockpit (LAC) system includes application properties preserved during the upgrade process; however, it does not reflect any resource setting customizing that you may have performed in an existing SAP SRM LAC system.

**RECOMMENDATION**

Before copying any customizing from your existing SAP SRM LAC system to your upgraded LAC system, launch the upgraded LAC to determine if those changes are still required.

**CAUTION**

Due to the unknown number and types of customizing in your existing system, the following is intended as a reference guide rather than an exact procedure for migrating that customizing.

**Procedure**

**RECOMMENDATION**

To avoid overwriting your modifications whenever a patch is deployed, always create your own resource files rather than replacing or modifying those shipped with SAP SRM LAC.

1. When you have determined that you need to copy customizing from your existing SAP SRM LAC system to your upgraded LAC, identify what changes were made in your existing SAP SRM LAC system’s resource files.
   
   For more information, see *Determining Existing Modifications in LAC* [page 12].

   - **Image Files**
     
     A number of image files that were used in previous versions of SAP SRM LAC have been renamed or removed in SAP SRM LAC 6.0. Review your customized images and see if they are affected.
     
     There are also several new image files in SAP SRM LAC 6.0; you may wish to review those as well.
     
     For more information, see SAP Solution Manager; navigate to the configuration structure for SAP SRM 7.0 EHP 3 and choose *Basic Settings for Strategic Sourcing* ➔ *Sourcing with Auction* ➔ *Settings Live Auction Java Server (or Live Auction ABAP Server)* ➔ *Configuring the Applet to Use Customized Resources*.

   - **Resource Bundles**
     
     A number of resource bundles that were used in previous versions of SAP SRM LAC have been renamed or removed in SAP SRM LAC 6.0. Review your customized resource bundles to see if they are affected.
     
     If you plan to carry over customized resource texts, make sure that the file names and the resource keys of the original resource bundle files are unchanged.
     
     Store all your customized resource files under:
5.4 Performing Follow-Up Activities for the System Landscape Directory

The follow-up activities that you have to perform for the System Landscape Directory (SLD) depend on the situation in your source release system, that is, whether SLD was configured or not.

**Procedure**

- If the SLD was configured in your source release system, you must only perform the following two actions to enable the use of SLD in the upgraded system:
  - Configure the user management
    - Define security roles and assign users to these roles.
  - Update the SLD content and data model
    - We recommend that you download the latest SLD content from SAP Service Marketplace and import it into the SLD. For more information, see SAP Note 669669.

- If the SLD was not configured in your source release system but you want to use it in your target release system, you must perform all configuration activities that are described in the document User Guide - System Landscape Directory of SAP NetWeaver, section Changing the SLD Configuration available at [http://sdn.sap.com/irj/sdn/nw-sld](http://sdn.sap.com/irj/sdn/nw-sld).

In either situation, you also need to configure the following SLD components:

1. UNIX: `<INSTDIR>:/usr/sap/<SAPSID>/SYS/global/srmla/resources`
2. IBM i/OS: `<INSTDIR>:/usr/sap/<SID>/SYS/global/srmla/resources`
3. Windows: `<INSTDIR>:\\usr\sap\<SAPSID>\SYS\global\srmla\resources`

2. Adjust the values of the following properties to either 1 or 2 so that your customized files can be used by SAP SRM LAC 6.0:
   - `applet.initiator.archive`
   - `applet.respondent.archive`
   - `applet.archive.selection`

For more information, see SAP Solution Manager; navigate to the configuration structure for SAP SRM and choose "Basic Settings for Strategic Sourcing → Sourcing with RFx and Auction → Settings for Auction", and see:

- Configuring the Live Auction Cockpit User Interface
- Managing Live Auction Cockpit Properties
5.5 LAC Smoke Tests

The following sections contain information about smoke tests available for Live Auction Cockpit (LAC). The tests allow you to check if certain system settings and connections were set up correctly.

5.5.1 Smoke Testing User Management

The following smoke tests are available for the SAP User Management Engine (UME):

- 2 automatic system smoke tests
- 2 manual smoke tests

These tests verify the correctness of the User Management configuration as well as the SAP Java Connector (JCo) and the Remote Function Call (RFC) configuration on the current J2EE server.

You launch the UME smoke tests from the Live Auction Cockpit Smoke Test page that is stored on the J2EE server and has a URL similar to this one: http://<j2ee_host.domain>:<default_port~50000>/srm/la

The automatic smoke tests run automatically when the smoke test page loads. When a test runs error-free, the result is displayed in green. When a test fails, the result is displayed in red. The J2EE server log and trace files display more information about errors after the tests have ended. You must solve errors in the order they are presented on the smoke test page.

UME Smoke Test Processes

The tests perform the following automatic and manual checks:
The system verifies that the J2EE server is configured to use an ABAP backend as the UME data store.

The system verifies that the JCo/RFC connection to the SRM server is working properly.

You run a manual smoke test to verify that the UME logon page is working properly and that it is using the correct ABAP back end for user authentication.

You run a manual smoke test to verify that the single sign-on (SSO) ticket issuing system is generating an SSO ticket that is compatible with the current J2EE server.

The procedures for the manual smoke tests are described below.

**Prerequisites**

The automatic system smoke test has verified that the J2EE server is configured to use an ABAP back end as the UME data source.

**Procedure**

You verify that the UME logon page is working properly and is using the correct ABAP back end for user authentication:

1. Go to the LAC smoke test page and choose the *Smoke Test User Management* tab.
2. Choose *UME User Admin* and log on to the SAP Supplier Relationship Management (SAP SRM) server to which the current J2EE server is connected.

   If the user authentication is successful, you see the user details screen on the UME administration page.

After you have run the above manual smoke test, proceed to the second one to check that the SSO ticket is generated properly:

1. Go to the LAC smoke test page and choose the *Smoke Test User Management* tab.
2. Enter the URL of the SSO ticket issuing system and choose *Logon*.

   When the logon screen is displayed, log on with an SAP SRM user.

3. When you have logged on successfully, refresh the LAC smoke test page.

   The ticket information as well as the status of the JCo RFC connection is displayed at the bottom of the page.

**5.5.2 Smoke Testing the LAC Applet**

The following smoke tests are available for the Live Auction Cockpit (LAC):

- 3 automatic system smoke tests
- 1 manual smoke test

These tests verify the correct deployment of the LAC applet and resource bundles.

You launch the LAC applet smoke tests from the LAC smoke test page that is stored on the J2EE server and has a URL similar to this one: `http://<j2ee_host.domain>:default_port~50000/srm/la`. 

5 Follow-Up Activities
The automatic smoke tests run automatically when the smoke test page loads. When a test runs error-free, the result is displayed in green. When a test fails, the result is displayed in red. The J2EE server log and trace files display more information about errors after the tests have ended. You have to solve errors in the order they are presented on the smoke test page.

**LAC Smoke Test Processes**

The system verifies that the following LAC JAR files are deployed properly:

- The initiator applet JAR file
- The respondent applet JAR file
- The client resources JAR file

**NOTE**

If you want to download the JAR files for further analysis after any of the steps above, you can choose the *Download* function on the LAC smoke test page.

- You run a manual smoke test to verify that the LAC applet settings are correctly configured and that the applet can be launched.

**Prerequisites**

The three automatic smoke tests have verified the correct deployment of the respective LAC JAR files.

**Procedure**

Start the test by choosing *Test* on the LAC smoke test page on the *Smoke Test Applet* tab.

The input fields displayed in this test are optional.

If the applet settings are configured properly and the applet can be launched, the applet start screen appears.

**NOTE**

If you know the GUID (Globally Unique Identifier) of a valid auction on the SAP Supplier Relationship Management (SAP SRM) server and want to view the auction in the applet, enter all the necessary information in the optional input fields of the smoke test and then choose *Test*. 
## Typographic Conventions

<table>
<thead>
<tr>
<th>Example</th>
<th>Description</th>
</tr>
</thead>
</table>
| <>      | Angle brackets indicate that you replace these words or characters with appropriate entries to make entries in the system, for example, “Enter your <User Name>”.
| >        | Arrows separating the parts of a navigation path, for example, menu options |
| Example  | Emphasized words or expressions |
| Example  | Words or characters that you enter in the system exactly as they appear in the documentation |
| http://www.sap.com | Textual cross-references to an internet address |
| /example | Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web |
| 123456   | Hyperlink to an SAP Note, for example, SAP Note 123456 |
| Example  | Words or characters quoted from the screen. These include field labels, screen titles, pushbutton labels, menu names, and menu options. Cross-references to other documentation or published works |
| Example  | Output on the screen following a user action, for example, messages Source code or syntax quoted directly from a program File and directory names and their paths, names of variables and parameters, and names of installation, upgrade, and database tools |
| EXAMPLE  | Technical names of system objects. These include report names, program names, transaction codes, database table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE |
| EXAMPLE  | Keys on the keyboard |