

# IBM Security Identity Manager v6.0 Upgrade Considerations

## *Before you begin*

### Pre-upgrade requirements for Java™ applications

**Critical:** New and existing applications must use the new WebSphere® Application Server authentication APIs. Do not attempt to upgrade until *after* you modified your existing applications. The existence of the old APIs causes the upgrade to fail. For more information, see [Pre-upgrade requirements for modifying your Java applications to use new authentication methods](#).

The following resources can help you with the transition:

- A new technote [1688801](#) contains more information about the customization areas affected and how custom applications are supported. In general, you need to engage services to help you work with your custom applications.
- The examples directory in your product installation includes an updated self\_care example application that uses the WebSphere Application Server authentication API.
- The docs directory in your product installation includes an updated applications document that includes an example of using the WebSphere Application Server authentication API.
- The JavaDocs included in the product installation provides details on classes and methods.
- The IBM developerWorks section for [IBM Security Identity Manager](#) provides additional support. Follow the Product support link at the bottom of the page.

### Product considerations

The steps provided in this document are in addition to those that can be found in the GA version of the documentation. It only supports an migration/upgrade from ISIM 6.0 GA on WebSphere 7 to ISIM 6.0 GA on WebSphere 8.5.

Therefore, current users of the following products:

- ITIM 5.0 on WAS 6.1
- ITIM 5.0 on WAS 7.0
- ITIM 5.1 on WAS 7.0

Must perform an upgrade and/or migration to ISIM 6.0 GA on WAS 7.0 prior to performing the upgrade documented in this readme.

## ***Upgrading using the InstallAnywhere UI***

Use the following procedure to begin an ISIM v6.0 to ISIM v6.0 version upgrade of your installation. This procedure uses the InstallAnywhere Graphical User Interface (GUI) provided with the GA version of the IBM Security Identity Manager v6.0 product installer.

### **Steps**

1. Prepare your new ISIM 6.0 WebSphere 8.5.0.2 Single Server or Node Deployed (ND) environment using the directions provided in the product documentation.

**Note:** It would be best if you tried to use the same directory structure that was used on the system previous system. Therefore, if you used “C:\Program Files (x86)\IBM\isim” as the installation directory there you should use that same path on the target system to minimize the number of changes needed while upgrading.

2. After you have followed the instructions in the product documentation section “Separate system upgrade and data migration” and unzipped the zipped up version of your <itim\_home> in your new installation, you must update the product version information for the installer.

**Note:** For Cluster environments, this must be done on each cluster as well.

(a) In the <itim\_home>/properties/version directory

(b) Edit the ITIM.product file

(c) Change only the version information to the value given below

i. from: <version>6.0.0.0</version>

ii. to: <version>5.2.0.0</version>

(d) Save and Exit

3. Next, you must change directory into the <itim\_home>/data directory and back up files that must be merged during the install. You must create a backup copy of the existing files with only the .bak extension for the following:

(a) copy encryptionKey.properties encryptionKey.bak

(b) copy enRole.properties enRole.bak

(c) copy KMIPServer.properties KMIPServer.bak

4. Follow the directions in the section “Separate system upgrade and data migration” in the IBM Knowledge Center at [http://www.ibm.com/support/knowledgecenter/SSRMWJ\\_6.0.0.4/com.ibm.isim.doc\\_6.0.0.4/installing/cpt/cpt\\_ic\\_ss\\_migrate.htm](http://www.ibm.com/support/knowledgecenter/SSRMWJ_6.0.0.4/com.ibm.isim.doc_6.0.0.4/installing/cpt/cpt_ic_ss_migrate.htm). This will instruct you on how to prepare and start the InstallAnywhere installer for IBM Security Identity Manager v6.0.

5. After the upgrade, you must merge new and existing customization files. See the instructions for “Merging new and existing customized configuration files” in the IBM Knowledge Center at [http://www.ibm.com/support/knowledgecenter/SSRMWJ\\_6.0.0.4/com.ibm.isim.doc\\_6.0.0.4/configuring/tsk/tsk\\_ui\\_merge\\_custom\\_config\\_files.htm](http://www.ibm.com/support/knowledgecenter/SSRMWJ_6.0.0.4/com.ibm.isim.doc_6.0.0.4/configuring/tsk/tsk_ui_merge_custom_config_files.htm)