

Accelerator Pack

Version 8.1

**Installation Guide**

This document describes the scenario for both a **new installation of Accelerator Pack** and for **upgrading** an existing version of Accelerator Pack (version 8.0 and any patch). Use the installation instructions even if you are upgrading to IdentityIQ 8.1, but have never installed the Accelerator Pack before. Only use the instructions for upgrading if you previously had both Accelerator Pack 8.0 and IdentityIQ 8.0.

**Before You Begin**

If you are installing Accelerator Pack for the first time, into an existing instance of IdentityIQ, do the following before you begin the Accelerator Pack installation:

* Shut down IdentityIQ
* Back up the IdentityIQ database
* Back up all the Hibernate configuration files in the [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/object/ folder

**New Accelerator Pack Installation**

To install the Accelerator Pack:

1. Download the Accelerator Pack 8.1 zip file from Compass.
2. Extract the Accelerator Pack zip file to a *temporary* location. Do NOT extract the Accelerator Pack zip directly into your IdentityIQ installation directory.  
     
   **Note**: the extracted Accelerator Pack items are nested within a /web directory that is not found in the IdentityIQ installation directory.
3. Stop your application server.
4. Update the Hibernate configuration files in your IdentityIQ installation directory.   
     
   **IMPORTANT**: If you are installing Accelerator Pack into a new IdentityIQ environment that does not have any extended attributes configured, you can simply **copy** the Accelerator Pack Hibernate files into your IdentityIQ environment, as described below. However, if you have **configured any extended attributes** in your IdentityIQ instance, you must ***merge*** the Accelerator Pack Hibernate files with the existing IdentityIQ Hibernate files rather than copying them; otherwise the copied Accelerator Pack files will overwrite your extended attribute customizations.
   * To **copy** the Accelerator Pack files into a new IdentityIQ environment, copy all the \*.hbm.xml files from the unzipped Accelerator Pack location’s /web/WEB-INF/classes/sailpoint/object/ folder to the [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/object/ folder, and overwrite the existing ones.
   * To **merge** the Accelerator Pack Hibernate files with your existing IdentityIQ Hibernate files:
     1. In the unzipped Accelerator Pack location’s /web/WEB-INF/classes/sailpoint/object/ folder, open each of the \*.hbm.xml files that has a corresponding file in the [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/object/folder.
     2. In each of the Accelerator Pack’s \*.hbm.xml files, find the <!--OOTB END--> marker in the file.
     3. Select and copy the contents of the file **below** the <!--OOTB END--> marker, and paste it at the **end** of the IdentityIQ \*.hbm.xml file of the same name.
     4. Save your changes to the IdentityIQ \*.hbm.xml files.
5. Copy these Accelerator Pack artifacts from the unzipped Accelerator Pack location to the corresponding location in your IdentityIQ installation directory.
   * Copy [*AP\_Unzip\_Dir*]/web/WEB-INF/lib/**AcceleratorPack.jar**   
     to [*IdentityIQ\_Install\_Dir*]/WEB-INF/lib
   * Copy **all files and subfolders** under [*AP\_Unzip\_Dir*]/web/WEB-INF/**config**/   
     to [*IdentityIQ\_Install\_Dir*]/WEB-INF/**config**/
   * Copy **all files** under [*AP\_Unzip\_Dir*]/web/**images/icons**/ to  
     [*IdentityIQ\_Install\_Dir*]/**images/icons**/
   * Copy [*AP\_Unzip\_Dir*]/web/define/applications/**IdentityIQLoopback.xhtml** to [*IdentityIQ\_Install\_Dir*]/define/applications/
6. Merge the iiqCustom.properties file from the Accelerator Pack with the corresponding file in the IdentityIQ installation directory:
   * Open the Accelerator Pack custom properties file:  
     [*AP\_Unzip\_Dir*]/web/WEB-INF/classes/sailpoint/web/messages/**iiqCustom.properties**
   * Select and copy the full contents of the file.
   * Open the IdentityIQ custom properties file:  
     [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/web/messages/**iiqCustom.properties**
   * Paste the copied contents from the Accelerator Pack iiqCustom.properties file to the end of IdentityIQ iiqCustom.properties file. Note that if you have made any customizations to this file, you should paste the contents from the Accelerator Pack *below* all your customizations.
   * Save your changes.
7. Extend your database schema using the IdentityIQ console:
   * In a command prompt, navigate to [*IdentityIQ\_Install\_Dir*]/WEB-INF/bin
   * Run the command iiq extendedSchema
8. Apply the extended database schema to your database, using the add\_identityiq\_extensions script that was created in step **6**).
   * Open your database client.
   * In the database client, run the script generated in step **6**), as appropriate for your database. For example, the command for MySQL is:  
       
     source add\_identityiq\_extensions.mysql;
9. Initialize the Accelerator Pack objects by importing the [*IdentityIQ\_Install\_Dir*]/WEB-INF/config/**init-acceleratorpack.xml** file into IdentityIQ. Open the iiq console and run the command

import init-acceleratorpack.xml

1. Restart the server.
2. Verify that your Accelerator Pack installation was successful by opening IdentityIQ and clicking on **Administrative Tasks > Installed Accelerator Pack** in the Quicklinks menu, and verifying that your installed features are displayed. You can also validate the version by navigating to the Debug pages in Configuration Objects -> System Configuration and verifying that this line is there:

<entry key="acceleratorPackVersion" value="8.1"/>

**Installing Beta Features**

Some features in the Accelerator Pack are beta features. These features are provided as a convenience and are not supported by SailPoint. If you want to install the beta features, follow these steps.

1. Complete all the steps in the **Installation** section above.
2. Uncomment the extended attributes tagged as Beta features in these Hibernate configuration files.   
     
   **Important:** Be sure to remove the comment tags at the beginning ( !<-- ) and end ( --> ) of each individual attribute in the Hibernate files.
   * IdentityExtended.hbm.xml
   * CertificationItemExtended.hbm.xml
   * LinkExtended.hbm.xml
3. Stop the IdentityIQ application.
4. Extend your database schema using the IdentityIQ console:
   * In a command prompt, navigate to [*IdentityIQ\_Install\_Dir*]/WEB-INF/bin
   * Run the command iiq extendedSchema
5. Apply the extended database schema to your database, using the add\_identityiq\_extensions script that was created in step **6**).
   * Open your database client.
   * In the database client, run the script generated in step **6**), as appropriate for your database. For example, the command for MySQL would be:  
       
     source add\_identityiq\_extensions.mysql;
6. Stop and restart your application server, and restart IdentityIQ.
7. Initialize the Accelerator Pack beta features by importing these files. You can import them via the iiq console or the IdentityIQ File Import feature, as described in step 9**)** of the Installation section above.   
     
   Files are located in the [*IdentityIQ\_Install\_Dir*]/WEB-INF/config directory.
   * **BETA objects:** import init-acceleratorpack-BETA.xml
   * **BETA persona functionality:** import init-acceleratorpack-persona-BETA.xml
   * **BETA Epic functionality:** import init-acceleratorpack-epic-BETA.xml

**Installing the 8.1 Accelerator Pack Upgrade**

Follow these steps to apply 8.1 to an existing version 8.0 installation of the Accelerator Pack.

1. Apply the IdentityIQ 8.1 upgrade to your IdentityIQ instance before proceeding with the Accelerator Pack upgrade.
2. Back up your IdentityIQ database, and the contents of the [*IdentityIQ\_Install\_Dir*]/WEB-INF/config/ folder.
3. Download the Accelerator Pack 8.1 zip file from Compass.
4. Extract the Accelerator Pack zip file to a *temporary* location. Do NOT extract the Accelerator Pack zip directly into your IdentityIQ installation directory.  
     
   **Note**: the extracted Accelerator Pack items are nested within a /web directory that is not found in the IdentityIQ installation directory.
5. Stop the IdentityIQ application.
6. Update the Hibernate configuration files in your IdentityIQ installation directory.   
     
   **IMPORTANT**: If you are installing Accelerator Pack into an upgraded IdentityIQ environment that does not have any extended attributes configured, you can simply **copy** the Accelerator Pack Hibernate files into your IdentityIQ environment, as described below. However, if you have **configured any extended attributes** in your IdentityIQ instance, you must ***merge*** the Accelerator Pack Hibernate files with the existing IdentityIQ Hibernate files rather than copying them; otherwise the copied Accelerator Pack files will overwrite your extended attribute customizations.
   1. To **copy** the Accelerator Pack files into a new IdentityIQ environment, copy all the \*.hbm.xml files from the unzipped Accelerator Pack location’s /web/WEB-INF/classes/sailpoint/object/ folder to the [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/object/ folder and overwrite the existing ones.
   2. To **merge** the Accelerator Pack Hibernate files with your existing IdentityIQ Hibernate files:
      * In the unzipped Accelerator Pack location’s /web/WEB-INF/classes/sailpoint/object/ folder, open each of the \*.hbm.xml files that has a corresponding file in the [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/object/folder.
      * In each of the Accelerator Pack’s \*.hbm.xml files, find the <!--OOTB END--> marker in the file.
      * Select and copy the contents of the file **below** the <!--OOTB END--> marker, and paste it at the **end** of the IdentityIQ \*.hbm.xml file of the same name.
      * Save your changes to the IdentityIQ \*.hbm.xml files.
7. Copy these Accelerator Pack artifacts from the unzipped Accelerator Pack location to the corresponding location in your IdentityIQ installation directory.
   1. Copy [*AP\_Unzip\_Dir*]/web/WEB-INF/lib/**AcceleratorPack.jar**   
      to [*IdentityIQ\_Install\_Dir*]/WEB-INF/lib
   2. Copy **all files and subfolders** under [*AP\_Unzip\_Dir*]/web/WEB-INF/**config**/   
      to [*IdentityIQ\_Install\_Dir*]/WEB-INF/**config**/
   3. Copy **all files** under [*AP\_Unzip\_Dir*]/web/**images/icons**/ to  
      [*IdentityIQ\_Install\_Dir*]/**images/icons**/
   4. Copy [*AP\_Unzip\_Dir*]/web/define/applications/**IdentityIQLoopback.xhtml** to [*IdentityIQ\_Install\_Dir*]/define/applications/
8. Merge the iiqCustom.properties file from the Accelerator Pack with the corresponding file in your IdentityIQ installation directory:
   1. Open the Accelerator Pack custom properties file:  
      [*AP\_Unzip\_Dir*]/web/WEB-INF/classes/sailpoint/web/messages/**iiqCustom.properties**
   2. Select and copy the full contents of the file (although you may not need the first 13 entries if they are already in your existing iiqCustom.properties file)
   3. Open the IdentityIQ custom properties file:  
      [*IdentityIQ\_Install\_Dir*]/WEB-INF/classes/sailpoint/web/messages/**iiqCustom.properties**
   4. Paste the copied contents from the Accelerator Pack iiqCustom.properties file to the end of IdentityIQ iiqCustom.properties file. Note that if you have made any customizations to this file, you should paste the contents from the Accelerator Pack *below* all your customizations.
   5. Save your changes.
9. Import the Accelerator Pack updates:
   1. Import the upgrade-acceleratorpack.xml file. This file is located in the [*IdentityIQ\_Install\_Dir*]/WEB-INF/config directory.  
        
      You can import the file by running the iiq console and running the command:

import upgrade-acceleratorpack.xml

1. Restart your IdentityIQ application.
2. Verify that your Accelerator Pack installation was successful by opening IdentityIQ and clicking on **Administrative Tasks > Installed Accelerator Pack** in the Quicklinks menu, and verifying that your installed features are displayed. You can also validate the version by navigating to the Debug pages in Configuration Objects -> System Configuration and verifying that this line is there:

<entry key="acceleratorPackVersion" value="8.1"/>