



Adeptia Suite 6.0

Quick Upgrade Guide

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Patch Details

Patch Name : **AdeptiaSuite_6_0_QuickUpgrade.zip**
Build Tag : **Release_6_0_11Feb_2013**

Applies To

This is a cumulative patch and can be applied to Adeptia Suite version 5.3SP1 or version 5.3SP1 with any Maintenance Patch.

Licensing

After applying the patch you need to update your license with 6.0 compatible license. So it is recommended that you should first get the 6.0 compatible license and then start applying the patch.

To get 6.0 compatible license contact support@adeptia.com .

Pre-Requisites:

This section covers all the pre-requisites for applying the patch.

1. Take the backup of the backend database.

Before applying the patch, it is recommended to take the backup of the database that is used as backend by Adeptia Suite.

In case the embedded database is used as backend follow the steps below to take its backup:

- a. Stop Kernel and WebRunner.
- b. Go to `./AdeptiaServer/ServerKernel` folder.
- c. Copy the *embeddedDB* folder and keep it into a separate folder.

In case any other database is used as backend database, you need to follow the backup instruction given by that Database Server.

To know, which database is used as backend database, refer to [Appendix : Identify Backend Database](#) .

2. Take the backup of `../AdeptiaServer/ServerKernel/web/applets` folder.
3. Before applying the patch, make sure that you have administrative rights of operating system.
4. Also make sure that you have *Read* and *Write* permission on all subfolder and files of `../AdeptiaServer/ServerKernel`.

5. If you have created web forms using Rich Form option in Adeptia Suite Version 5.3 SP1, you must export all the Rich Forms before applying the patch. To know how to export the Rich Form, refer the *AdeptiaSuite_RichForm_MigrationGuide*.
6. Kernel and WebRunner must be stopped before you start applying the patch.

Applying Patch

This section explains how to apply the patch.

Steps to apply the patch

1. Download the latest patch from the provided URL.
2. Extract the downloaded zip file in a new folder in the **same drive** where Adeptia Suite is installed.
3. Open the command prompt and change to the folder where you have extracted the patch zip.
4. Depending on the operating system you are using, run one of the following commands:

For Windows

Apply-RecoverPatch.bat <Path where Adeptia Suite is installed.>

Example:

Apply-RecoverPatch.bat "C:\Program Files\AdeptiaSuite\AdeptiaServer-5.3\AdeptiaServer"

For Linux

./Apply-RecoverPatch.sh <Path where Adeptia Suite is installed.>

Note: In case the path contains spaces, enter the path within double quotes.

5. This will apply the patch.
6. This will also apply the B2Bi accelerator, in case you have applied the patch with updated B2Bi accelerator.

Notes:

- Once the patch is applied, a recovery file *Recovery_<Date-Time Stamp>.zip* is created in the same folder from where you have applied the patch. This file is used in case you want to recover or rollback the patch.
 - A *migration.log* file is also created, which contains the logs generated during patch application in the same folder from where you have applied the patch. This file can be used to troubleshoot any issue related to patch application.
7. After applying the patch, update the 6.0 compatible license. To know how to update the license, refer the section [Updating 6.0 Compatible license](#) .

8. Restart the Kernel and Web Runner.

Notes:

- All the events, which were activated before applying the patch, get deactivated after applying the patch. You need to activate those events again.
- In case you are using B2Bi accelerator, you need to reconfigure some of the pre-bundled activities. Please refer [Activities to be Reconfigured](#) section for the list of activities, which need to be re-configured.

Updating 6.0 Compatible License

After applying the patch you need to update your license with 6.0 compatible license. Otherwise kernel and WebRunner will not start. To get 6.0 compatible license, contact support@adeptia.com .

Pre-Requisite:

- Ensure that the Kernel and WebRunner are not running.

Updating License on Windows

Steps to update the license:

1. Click **Start > Programs > Adeptia Suite** and then select **Update License**. The License Wizard appears (see Figure 6.1).

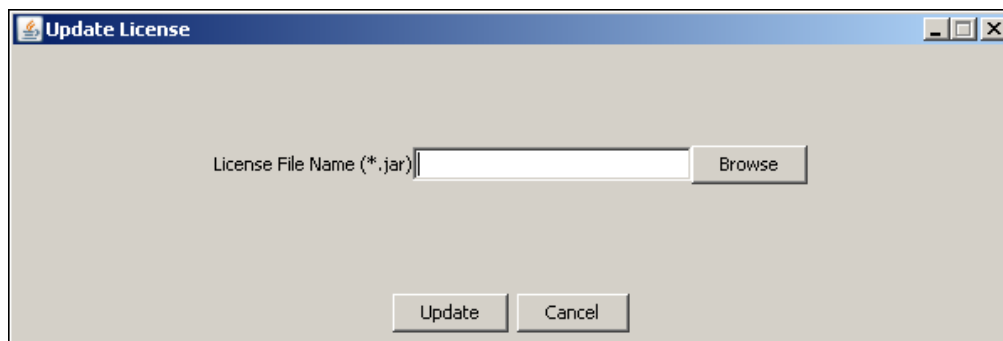


Figure 6.1: Select License File

2. Click **Browse** and select the *License.jar* file. The path of the selected file is shown in the *License File Name (*.jar)* field (see Figure 6.2).

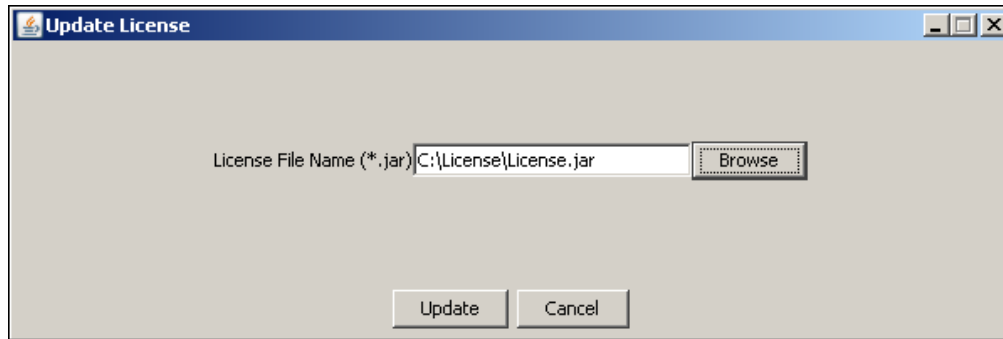


Figure 6.2: License File Path

3. Click **Update**. A warning message is displayed (see Figure 6.3).

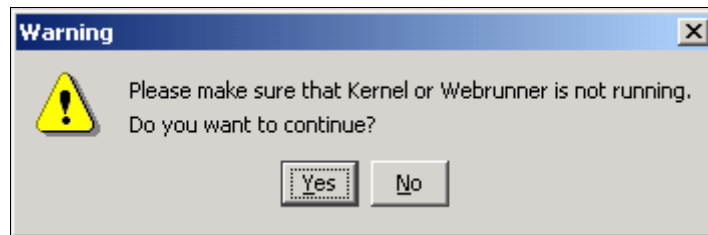


Figure 6.3: Warning Message

4. Make sure that Kernel and WebRunner are not running and click **Yes**. A dialog box appears confirming that the license is updated successfully (see Figure 6.4).

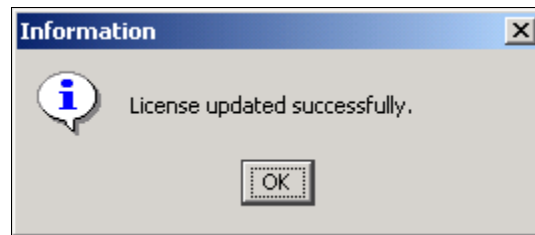


Figure 6.4: Confirmation Message

5. Click **OK** to close the dialog box.

Updating License on Linux/Solaris

To update the license on Linux or Solaris, you just need to copy the *License.jar* file in the **<InstallFolder>ServerKernel\etc** folder.

Activities to be re-configured

This section contains the list of activities, which need to be reconfigured, after you apply the

latest patch. This section is applicable only if you are using B2Bi Accelerator.

1. Mail Target Activities

- a. EDINACKNotification
- b. EDIInterchangeErrorNotification

2. Mail Notification

- a. SystemErrorNotification

In the activities, listed above, you need to re-configure the mail parameters. These parameters get overridden by the dummy values which are defined in the EDI zip.

In case you have enabled “Delete File on Success” for B2Bi processing, then you need to re-enable it in the Advanced Properties of following activities:

3. File Source Activities

- a. InboundFileSource
- b. OutboundFileSource
- c. RoutingSource

4. FTP Source Activities

- a. InboundFTPSource
- b. OutBoundFTPSource

In case you have enabled the log file generation in B2Bi accelerator, then you need to reconfigure the process flow variables as mentioned in the table below:

Process Flow > EDIInboundProcessor > Process Flow Variable:	
generateLogFile	This should be set to <i>true</i> if you want to generate the log file for inbound processing.
logFilePath	Path where you want to generate the log file.
Log_PathPrefix	Path prefix of the target file displayed in the log file.
Process Flow > EDIOutboundProcessor > Process Flow Variable:	

generateLogFile	This should be set to <i>true</i> if you want to generate the log file for outbound processing.
logFilePath	Path where you want to generate the log file.
Log_PathPrefix	Path prefix of the target file displayed in the log file.
Process Flow > EDISubBatchProcessor > Process Flow Variable:	
generateLogFile	This should be set to <i>true</i> if you want that the path of FA should be written in the inbound log file.
logFilePath	Path where you want to generate the log file. Note: This path should be same as the path defined for <i>logfilePath</i> variable in EDIInboundProcessor process flow.
Log_PathPrefix	Path prefix of the target file displayed in the log file.

To enable the reset transaction set control number for EDI outbound flow, you need to change following process variables as mentioned in the table below:

Process Flow > EDISubBatchProcessor> Process Flow Variable:	
resetTransactionControlNumber	This should be set to <i>true</i> if you want to reset the transaction set control number in outbound processing.
Process Flow > EDIBatchProcessor > Process Flow Variable:	

resetTransactionControlNumber	This should be set to <i>true</i> if you want to reset the transaction set control number in outbound processing while batch mode is selected as Yes.
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Post Patch Application Steps

This section describes those parameters, which will be replaced by their default values after applying the patch. This section also describes how to reconfigure those properties.

Following table lists the properties that you need to re-configure:

Properties	File Name with path	Action
Kernel JVM Parameters WebRunner JVM Parameters	/ServerKernel/etc/launcher.properties	Open this file and change the value of Kernel and WebRunner parameters. Save the file.
Entry of additional Jars	/ServerKernel/etc/launcher.properties	If you have used your own jar files in existing Adeptia Suite environment, then open the launcher.properties file and add the entry of additional jar. Save this file.
Port Configuration of jetty.xml file	/ServerKernel/etc/jetty/jetty.xml	If you have configured any Web Service Provider on port other than Web Server port, then you need to do the configuration again in jetty.xml file.
<p>Note: If needed, to view the original launcher.properties or jetty.xml file, go the folder from where you have applied the patch. Open the <i>Recovery_<Date-TimeStamp>.zip</i></p>		

Note:

- After modifying any values in the launcher.properties or jetty.xml file, it is important to restart the Kernel and WebRunner.
- If Kernel and WebRunner is running on Linux machine, make sure that following files have *Execute* permission.
 - write-config.sh
 - logs-archive-cleanup.sh

Remove Patch

This section explains how to remove the patch. Depending on the scenario you can choose one of the following options:

- **Recover Patch**

Use this option, if any error comes while applying the patch. This will bring the Adeptia Suite environment to the previous state similar to before applying the patch.

- **Rollback Patch**

Use this option when you have applied the patch successfully and later on decided to remove the patch. This option will bring your Adeptia Suite environment to the previous state. All the objects that you have created or modified, after applying the patch, will persist in the Adeptia Suite environment.



If embedded database (HSQLDB) is used as backend, then Rollback is not supported.

Pre-requisite: Before removing the patch, Kernel and WebRunner must be stopped.

Following are the high level steps to recover the patch:

1. Go to folder, where you have extracted the zip and open the *patch.xml* file (see Figure 9.1).

```
<Configuration>
  <!-- Select mode as "deployment" for patch deployment and "recovery" for patch recover
  <Patch mode="Deployment" >
    <InstallationDirectory comment="Location of Adeptia Suite installation direct
    <PatchFileLocation comment="Location of patch file to be deployed. It is not
    <IsDatabaseUpdateRequired comment="Specifies whether database shall be upda
    <RecoveryFileLocation comment="For patch deployment mode, it specifies the lo
    Recovery.zip
  </RecoveryFileLocation>
  <!-- Remove "Accelerators" tag in case you don't want to deploy any accelerat
  <Accelerators>
    <AcceleratorFileLocation name="EDI">EDI.zip</AcceleratorFileLocation>
    <AcceleratorFileLocation name="SampleObjects">SampleObjects.zip</Acce
  </Accelerators>

  </Patch>
</Configuration>
```

Figure 9.1

2. Replace *deployment* highlighted in the above figure with *recovery*.
3. Also replace *Recovery.zip* with the name of the recovery file which is created during patch application.
4. Save this file.



If embedded database (HSQLDB) is used as backend, then you have to follow the additional steps given below before moving further:

- a. Go the folder where you have extracted the patch:
- b. Within that folder, go to *MigrationUtility* folder.
- c. Rename the ***hsqldb-2.0.0.jar*** file to ***hsqldb-2.0.0.jar_bkp***.
- d. Rename the ***hsqldb-2.2.9.jar*** file to ***hsqldb-2.2.9.jar_bkp***.

5. Go to the command prompt and change to the folder where you have extracted the patch.
6. Depending on the operating system you are using, run one of the following commands:

For Windows

Apply-RecoverPatch.bat <Path where Adeptia Suite is installed.>

Example:

Apply-RecoverPatch.bat "C:\Program Files\AdeptiaSuite\AdeptiaServer-5.3\AdeptiaServer"

For Linux

./Apply-RecoverPatch.sh <Path where Adeptia Suite is installed.>



In case the path contains spaces, enter the path within double quotes.

7. Once you run the above command, you will be asked to choose the mode of removing the patch(see Figure 9.2)

```

C:\Windows\system32\cmd.exe - Apply-RecoverPatch.bat "C:\Program Files\AdeptiaSuite\AdeptiaS...
[Server@6f9bb25a]: Initiating startup sequence...
[Server@6f9bb25a]: Server socket opened successfully in 33 ms.
[Server@6f9bb25a]: Database [index=0, id=0, db=file:C:\Program Files\AdeptiaSuite\AdeptiaSuite-5.3\AdeptiaServer\ServerKernel\embeddedDb\db\indigo, alias=1] opened successfully in 1110 ms.
[Server@6f9bb25a]: Startup sequence completed in 1149 ms.
[Server@6f9bb25a]: 2012-06-25 19:57:01.486 HSQLDB server 1.8.0 is online
[Server@6f9bb25a]: To close normally, connect and execute SHUTDOWN SQL
[Server@6f9bb25a]: From command line, use [Ctrl]+[C] to abort abruptly
[Server@75843a75]: [Thread[main,5,main]]: checkRunning(false) entered
[Server@75843a75]: [Thread[main,5,main]]: checkRunning(false) exited
[Server@75843a75]: Startup sequence initiated from main() method
[Server@75843a75]: Loaded properties from [C:\Pintu\Product\Build Releases\5.3 SP1\5.3 SP1 Re-release with more fixes\WithEDI\AdeptiaSuite_5_3_SP1_QuickUpgrade\server.properties]
[Server@75843a75]: Initiating startup sequence...
[Server@75843a75]: Server socket opened successfully in 1 ms.
[Server@75843a75]: Database [index=0, id=1, db=file:C:\Program Files\AdeptiaSuite\AdeptiaSuite-5.3\AdeptiaServer\ServerKernel\embeddedDb\db\logs, alias=1] opened successfully in 166 ms.
[Server@75843a75]: Startup sequence completed in 172 ms.
[Server@75843a75]: 2012-06-25 19:57:02.707 HSQLDB server 1.8.0 is online
[Server@75843a75]: To close normally, connect and execute SHUTDOWN SQL
[Server@75843a75]: From command line, use [Ctrl]+[C] to abort abruptly

Please choose the mode of removing the patch:
1. Recover Patch:
To recover from error in patch deployment. Application will be restored to original state (without any patch changes).
2. Rollback:
To roll back the patch if there is any product issue introduced after patch deployment. This option persist activity changes made between patch deployment & Roll back

```

Figure 9.2

8. If you want to remove the patch through **Recovery** mode, type **1** and press ENTER key.
If you want to remove the patch through **Rollback** mode, type **2** and press ENTER key.
9. This will remove the patch, which you have applied.
10. Apply the old license, which was originally used for 5.3 SP1.
11. Restart the Kernel and WebRunner.

Notes:

When you upgrade Adeptia Suite 5.3SP1 to 6.0 by applying the patch, the value map, XSL template and custom automap, get converted into the new format and written into new files. These files are stored within **../ServerKernel/web/applets/mapping** folder. This conversion happens, when you open the Data Mapper for the first time after applying the patch. When this conversion happens, the existing files, which store the value map, XSL Template, and Custom Automap, gets renamed for the backup purpose. The name of these files gets appended with the string **_Backup<RandomNumber>**. For example the global value map file **valueMap.xml** file gets renamed to **valueMap_Backup1362047515937.xml**.

In case if you have to recover or rollback the patch, you need to rename these files back to its original name in order to use value map, XSL template and custom automap.

Appendix: Identify Backend Database

This section explains how to identify, which database is used as backend.

1. Go `./AdeptiaServer/ServerKernel/etc` folder, where Adeptia Server is installed.
2. Open the `server-configure.properties` file.
3. Search the property `abpm.backend.dbType`. From the value of this property, you can identify which database is being used as backend. The following table lists the possible values and corresponding database.

Property Value	Database Type
HSQL	Embedded Database
Oracle	Oracle Database
SQLServer	SQL Server
MySQL	MySQL Database



About Adeptia Inc.

Adeptia, an enterprise software company headquartered in Chicago, Illinois, provides a business process integration technology to easily and quickly automate business processes using industry-specific standards. Adeptia's unique product combines business process management with business-to-business integration. Adeptia's reusable and highly scalable technology has been deployed by Fortune 1000 companies. For more information, visit www.adeptia.com .

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