A D E P T I A

Adeptia Suite 6.0 SP1

Maintenance Patch

Patch Deployment Guide

October 17, 2013

Contents

Patch Details

Patch Name   :   **AdeptiaSuite_6_0_SP1_17thOct2013.zip**

Build Tag   :   **Release_6_0_SP1_07_11Oct_2013**

Applies To

This patch can only be applied on Adeptia Suite Ver. 6.0 SP1 and Ver.6.0 SP1 with any maintenance patch.

Applying Patch

This section explains how to apply the patch.

Pre-Requisites:

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. Also make sure that you have *Read* and *Write* permission on all subfolder and files of *../AdeptiaServer/ServerKernel*.

3. Kernel and WebRunner must be stopped before you start applying the patch.

Following are the high level 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. Restart the Kernel and Web Runner.

Notes:

- 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.

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 *true* 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 *true* 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 *true* 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 *logfilePath* 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 *true* 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 *true* if you want to reset the transaction set control number in outbound processing while batch mode is selected as Yes.

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.

Pre-requisite: Before recovering 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
                <IsDatabaseUpdationRequired 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.
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

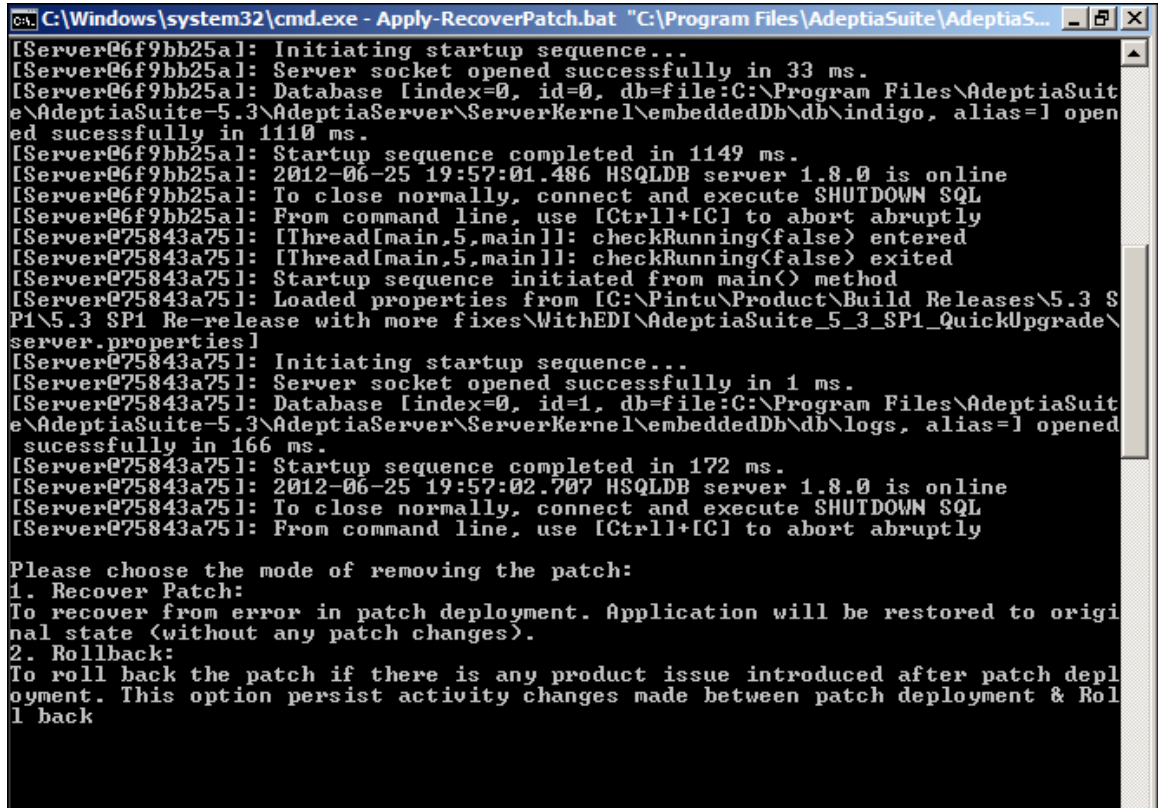*Apply-RecoverPatch.bat <Path where Adeptia Suite is installed.>*

Example:

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

For Linux

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

Note: 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)

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. Restart the Kernel and WebRunner.

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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