



ADEPTIA

Adeptia Suite 6.1

Maintenance Patch Release Notes

Last Updated Date: May 13, 2014

Adeptia Inc.
343 West Erie, Suite 440
Chicago, IL 60654, USA
Phone: (312) 229-1727

DOCUMENT INFORMATION

Adeptia Suite

Release Notes

Adeptia Suite Version 6.1

Printed April 2014

Printed in USA

Adeptia Support Information

For support queries, please contact us at support@adeptia.com.

Access the Adeptia Web site at the following URL:

www.adeptia.com

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PATCH DETAILS

Patch Name : **AdeptiaSuite_6_1_09_18thApril_2014.zip**

Build Tag : **Release_6_1_09_17April2014**

APPLIES TO

This patch is cumulative patch and can be applied on Adeptia Suite Ver. 6.1 GA release or Ver. 6.1 with any previous maintenance patches.

RELEASE_6_1_09_17APRIL2014

What's new in this update

1. Support for attachment in Web Service

In Web Service Consumer and Provider, support is added to process attachment (MIME and Base64) in Web Service request and response. ([Ticket #3171](#), [Ticket #4112](#), [Ticket #3769](#), [Ticket #1790](#)).

For detailed description of this feature refer the section *Using Attachments in Web Service* of Adeptia Suite Developer Guide.

2. Support to dynamically override Username and password in Security Policy

Support is added to dynamically override username and password field defined in security policy activity for basic authentication. This support is only added for security policy, which is used in SOAP Web Service Consumer activity. To override them you need to define below variables into process flow context:

- Service.<EntityName>.userID
- Service.<EntityName>.password

Here <EntityName> is the name of the Security policy activity, which is used in the Web service Consumer activity.

3. Support for Multipart and Post Query String in REST Web Service Consumer

In REST Web Service Consumer, support is added to send multipart request.

In REST Web Service consumer support for Post Query string is added for POST and PUT method. Now there is a checkbox in the consumer activity by which you can enable or disable postQueryString functionality.

For detailed description of these features refer the *Creating Web Service Consumer Activity to Access RESTful Web Service* section of Adeptia Suite Developer Guide.

4. Support for Processing HIPPA Standard Messages

In B2BI accelerator support is added to process the HIPPA Standard Messages. A new data dictionary for HIPPA 835 version 5010 is bundled with this patch.

5. Support for Fail over Capability in Clustering

If any node of the cluster goes down, all the running process flows of that instance are now recovered and executed on other running nodes of the cluster. For detailed description of this feature, refer the *Deploying Clustering* section of Adeptia Suite Developer Guide.

6. Support for Key Ring for PGP Encryption in Key Manager

In Key Manager, support is added to import Key Ring for PGP encryption. For detailed description of this feature, refer the *Using Encryption and Decryption* section of Adeptia Suite Developer Guide.

7. Support for Regular Expression to Define Record Identifier Value

In Advanced Positional Schema support is added to use regular expression to define Record Identifier value.

8. Support for a new Connector (Secure Inet factory) in FTP activities

A new FTP connector is added in following activities:

- FTP Event
- FTP Source
- FTP Target
- FTP Polling

For detailed information about this feature, refer the following sections of Adeptia Suite Developer guide.

- Creating FTP Event
- Creating FTP Source
- Creating FTP Target
- Creating FTP Polling

9. Log Insert Optimization for Process Flow Execution

Insertion of Process flow execution logs into the log database is optimized to use prepared statement. This will reduce the time taken in writing the process flow logs.

Bug Fixes

1. When you run *createback.bat* or *createbackup.sh* command to take the backup of Adeptia Suite, then it fails with following error: *java.lang.NoClassDefFoundError* ([Ticket #4032](#))
2. In clustering environment, when you restart any node then sometime few Process flows remain in queued state and never runs ([Ticket #3735](#)).

3. When you receive any EDI error notification, and try to search the EDI log using the Process Instance ID mentioned in EDI error notification, then it doesn't display any record. ([Ticket #4012](#))
4. When you use **TAB** keyword in DB Query function of Data Mapping activity, then all mapping lost after saving it. ([Ticket #3630](#))
5. When you load XML Schema in data mapper then some complex elements are not displayed in proper order. ([Ticket #3972](#))
6. In Database Target and Advanced Database Target activity, when you try to update a CHAR field in Oracle database then it inserts the data instead of updating it. ([Ticket #3554](#))
7. In JMS Event, Source and Target support is added to process the byte message. ([Ticket #3582](#))
8. When number of activated events is very large (e.g. 160) then an error "Transaction (Process ID 69) was deadlocked on lock resources with another process and has been chosen as the deadlock victim." is displayed in kernel logs. ([Ticket #3944](#))
9. When you export objects using migration utility then an error message for missing au_dbConnectionInfold column is written in the migration log. ([Ticket #4018](#))
10. When you use diacritical marks in subject field of mail notification activity, then after saving it the diacritical marks gets changed to something else. ([Ticket #3298](#))
11. In Advanced Database Schema, if you use sql query which contains join and any column of two different table have same name then the Advanced Database Schema cannot be saved. ([Ticket #3899](#))
12. Sometime when you create an XML Schema using XSD and load it into data mapper then elements are not displayed according to content model. ([Ticket #4809](#))
13. When you use long value in user id and password in security policy basic authentication and use it in Web Service consumer and execute the process flow, then "Illegal characters in message header" error comes. ([Ticket #3857](#))
14. When you pass header information in REST Request using Web Service Consumer, and request content type is *Multipart-formData* then WS Consumer fails with error "HTTP Status 403 - Permission Denied". ([Ticket #4004](#))
15. When you access any RESTful web service using Web Service Consumer and the Web Service sends an error response, then the Web Service Consumer does not generate the error stream of the response ([Ticket #2384](#)).
16. When you execute REST Web Service Consumer activity then some of the header from the response is not available in the context info. ([Ticket #3755](#))
17. Support is added to define *Read Time Out* and *Connection Time out* values in SOAP Web Service Consumer activity. ([Ticket #3697](#))
18. When you publish a Web Service on IP address then you are only able to view it either through the IP Address or if you set the host name in the property `abpm.webserver.public.address` then only through the host name. ([Ticket #3741](#))
19. When you publish a Web Service Provider and try to access it with URL having different case in hostname then the Web Service Provider is not accessible. ([Ticket #3916](#))

20. When you enable 'Maintain Session' property in SOAP Web consumer activity and use the process flow containing this activity in Rest Provider then access the Rest Provider via Web browser then it gets failed because it is getting cookies from browser. ([Ticket #4189](#))
21. While starting Webrunner, if any port conflict is encountered then no error is displayed on the Webrunner console.
22. In case there are large number of files in FTP folder then FTP event fails to activate and throws data truncation error.
23. When you use the Batch Mode as *yes* in outbound relationship then Child flow "EDISubBatchProcessor" gets aborted.
24. In *Create Data Interface* page, name of the drop-down fields are not descriptive. Now the name of the drop-down fields are changed, which is easy to understand.
25. When you edit an existing Data Mapping activity from Data Interface configuration window and click on XSL tag or see the preview on applet then an error message is displayed that 'XSL is invalid'.
26. When you create a new Data mapping activity or edit an existing Data mapping activity from Data Interface configuration screen then by default the 'XSL Transformer' is selected as 'Xalan' instead of 'Saxon'.
27. When you select XML schema created using any XSD file in the Data Interface and open the Data Mapper applet from the Data Interface configuration window then an error message: "*null*" is displayed.
28. When we select fields from the table in "DashboardComponent" activity, and press "Ok" button then an error is displayed as "java.lang.Exception: Cannot continue, subject or databaseinfo cannot be null".
29. If stored procedure has out-parameter with CLOB type then on fetching it from database it truncate the data to ~4000 characters.
30. In Database Info activity, length of Server URL field is increased up to 2000 character.
31. In Database Info activity, User field is made optional.
32. In a process flow when we set *Generate stream* property to "*true*" in database target and use multiple stream to file target with put-context var then the value of *Generate stream* is automatically reset to "*false*".
33. In the Advanced Database Schema when we search a table name, which contains dot and click on *Get Columns* button then it takes us back to the Search Table screen.
34. When you enable *Send Acknowledgment* option in X12 Inbound Relationship but do not create an outbound relationship for 997 then the error message, which comes after execution failure is not descriptive.
35. When we create WS Provider by uploading different XML schema as input/output schema where selected output schema is defined with XSD having no target namespace then we get error while saving the activity.
36. In REST WS Provider, when you define a variable with blank value then this variable is not displayed in the URL.

PREVIOUS PATCHES

This section contains the enhancements and bug fixes of all the previous patches of Adeptia Suite Version 6.1. All these changes are also included in the latest patch.

Enhancements/ Bug Fixes	Description/User Story
Version Tag : Release_6_1_06_21March2014	
Event	
Memory leak issue, when <i>Trigger in Sequence</i> option is enabled. (Ticket #4074 ,)	When <i>Trigger in Sequence</i> is enabled in Event and process flows are running then "java.lang.OutOfMemoryError:PermGen Space" error is thrown.

Enhancements/ Bug Fixes	Description/User Story
Version Tag : Release_6_1_05_13March2014	
B2BI	
Support to Integrate JSCAPE MFT Server AS2 Logs with B2B Logs (AS-4487)	Support is added to Integrate JSCAPE MFT Server AS2 Logs with B2B All Logs page.
EDI Outbound Process taking unacceptable time in execution (Ticket #3863)	When you execute the EDI Outbound and large number of repository folder are there, then EDI outbound process takes more time to complete.
Logs	
Issue in viewing logs when there are large number of records in the log database (Ticket #4003)	When there is large number of records in log database, then communication failure error comes in Process flow log page.

Schema	
Support to use regular expression for Record Identifier value in Advanced Positional Schema (Ticket #3404)	In Advanced Positional Schema, support is added to use regular expression to define Record Identifier value.

Enhancements/ Bug Fixes	Description/User Story
Version Tag : Release_6_1_03_10Feb2014	
Administration	
AS-4452	When we login as Group Admin type user and create a new group, then group created successfully. Whereas Group Admin should not be able to create the group.
AS-4565	Following property has made visible through Adeptia GUI: <i>abpm.jdo.cache.enable</i> Earlier this property was hidden and you need to edit the server-configure.properties file to change this property.
Support to configure default permission of objects. (Ticket #2313)	Support is added to define the default permission on objects while creating it. A new property <i>abpm.activity.defaultPermission</i> is added to configure the default permission mask.
Cannot save user you access Adeptia Suite through a proxy server. (Ticket #3831)	When you access Adeptia Suite through proxy server and edit the User activity, then Save As button is not displayed.
Application Maintenance	
Error while inserting log in Oracle database. (Ticket #3431)	Sometime following error comes in Kernel Application log file, while inserting the log in Oracle database: ORA-12899: value too large.
AS-4589	When we run the tracer utility in 6.1 then no serverinfo.zip file is created.
B2BI	

Support to generate AK103 in 997 (Ticket #3607)	Support is added to generate AK103 EDI X12 acknowledgment.
Support to override the Association Assign code in 997 (Ticket #3607)	Support is added to override the Association Assign code, while defining the outbound relationship for 997.
AS-3721	Support is added to configure path to store the non EDI Files. A new property <i>abpm.solution.nonedataFile.location</i> is added to configure this path.
AS-4572	In EDI source file, if number of transaction set is not in the multiple of 2000 (ex: 2020) and mode type is selected as Create and Parallel processing is more than 1, then target file contains only last 20 records.
AS-4609	If multiple Inbound relationships are created for one Trading partner, and use specific ack relationship in any one relationship then target file name is picked from the relationship but the path is not selected from the activity properly.
AS-4631	In EDI X12/EDIFACT inbound when we use the FTP target and encrypt the target file, then target file is created but not in the encrypted format.
Data Mapper	
Issue with clones when using extension elements in Data Mapper (Ticket #3502)	When you open the data mapping in the Edit mode then all the clone nodes of the Schema containing the extension elements on the target side are not loaded.
Sometimes Data Mapper fails at runtime due to empty <ValueMap>. Ticket (Ticket #3766)	Sometimes Data Mapper fails at runtime due to empty <ValueMap>.
AS-4362	If you create an XML schema using XSD, which contains element with documentation, then the documentation of elements are not displayed in Data Mapper.
AS-4658	Data Mapper applet doesn't open with JRE ver. 1.7.51. This issue is also fixed for Process Designer applet.
AS-4675	Tip of the day is displayed every time you open the data mapper. Now this has been disabled by default.
Event and Transport	

<p>FTP Source fails when you used to fetch files from FTPS server. (Ticket #3806)</p>	<p>When you use FTP Source to fetch files from an FTPS server, then it fails with following error: <i>FileNotFoundException: Could not read from "ftps://host:990/Test/example-sftp.txt" because it is not a file.</i></p> <p>A new connector <i>Secured Inet Factory</i> is added to fix this issue.</p>
<p>AS-4637</p>	<p>Support is added to allow Base64DecoderStream objects as attachment in mail event and mail source.</p>
<p>AS-4497</p>	<p>Support is added to gracefully shutdown the scheduler, which handles event jobs.</p>
<p>AS-4498</p>	<p>Support is added to configure misfire handling of event at each event level. Earlier Smart Policy was used for all events. Now for all new events, by default misfire events will not be handled. This is done do reduce the overhead on the database, which stores the event jobs.</p>
<p>Schema</p>	
<p>Support to search the table while creating Advanced database schema (Ticket #3466)</p>	<p>In Advanced Database schema, support is added to search the table when the number of table is very larger.</p>
<p>Web Services</p>	
<p>Support to define <i>Read time out</i> and <i>Connect time out</i> in REST Consumer. (Ticket #3751)</p>	<p>In REST Web Service Consumer activity support is added to define the <i>Read time out</i> and <i>connect Time out</i> value.</p>
<p>Issue in Security policy when you use longer password (Ticket #3858)</p>	<p>When you edit and save a security policy, which has longer password (more than 50 character), then it gives following error: "Password length cannot be more than 64 characters."</p>
<p>Migration</p>	
<p>Migration failed when migrate objects from 5.3 to 6.1 (Ticket #3825)</p>	<p>When you migrate objects from 5.3 to 6.1 then migration failed with following error: "Error while decrypting Input length must be multiple of 8 when</p>

	decrypting with padded cipher.”
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Enhancements/ Bug Fixes	Description/User Story
Version Tag : Release_6_1_02_12Dec_2013	
Application Maintenance	
AS-4343	Support is added to enable/disable log synchronization. Now by default log synchronization is disabled to reduce overhead. If you want to enable log synchronization, then change the value of the property <i>abpm.logRecoveryAndSynchronization.enable</i> to <i>true</i> .
AS-4412	When you deploy any accelerator and the target Adeptia Suite environment contains some custom properties in server-configure.properties file, then these properties gets overridden.
Log cleanup doesn't close cmd.exe and conhost.exe automatically (Ticket #3174)	When log cleanup is performed on windows 2008 OS, cmd.exe and conhost.exe process get started and they do not get closed automatically after completion of log cleanup.
Application Monitoring	
Issue in displaying execution view. (Ticket #3426)	When a process flow contains gateway and the flow, which is connecting to gateway has some label, the execution view is not displayed properly for this flow.
B2BI	
AS-4260	In EDI Inbound, when EDI file contains the data of multiple Trading Partners and use the same FTP target in all Partner relationships, then only one target file is created and contains the data of only last Partner.
AS-4309	When you execute the EDI X12 and EDIFACT outbound in parallel then generated target file for X12 contains the Group segment of EDIFACT.
AS-4303	In EDI Message log page searching is not working.
Support to define Segment line break in ISA outbound envelope for EDI X12 (Ticket #3311)	Support is added to define Segment line break in ISA outbound envelope for EDI X12

AS-4337	Support is added to define 997 outbound relationships for specific inbound relationship.
Data Mapper	
AS-4325	When you define variable name in Default Value Map definition then it causes invalid XSL generation.
AS-4324	In case there is an error in value map then execution of all mapping gets failed, whereas only dependent data mapping activities should fail.
AS-4288	In data mapper, when we load schemas which have same namespace prefix with different Namespace URL at source and target end and change extension at target end, save activity then data mapping activity is not getting saved.
Mapping lost after upgrading to 6.1 (Ticket #3592)	If you have created an XML Schema using XSD which has the definition <i>elementFormDefault="qualified"</i> and used it in data mapper, then mapping is lost after upgrading it 6.1
Runtime error with Saxon XSL transformer (Ticket #3585)	runtime error comes when value map/template are migrated from pre 6.0 version to 6.1 with Saxon as XSL as transformer
AS-4313	In data mapper a new function <i>Prepared Query</i> is added to use prepared statement while using sql statement.
AS-4466	In Data Mapper when you create value map and use [as a first character in default value field and click on save button then mapper GUI gets hanged.
AS-4481	When you open any pre-bundled data mapper activity from the data interface, and try to preview the result it throws "Invalid encoding name "" error.
Event and Transport	
JMS event hangs if you restart the Adeptia Server (Ticket #3187)	When a recoverable process flow is triggered through JMS event and Adeptia Server is restarted, then the process flow gets aborted or hanged. In this case no new events are triggered.
FTP Source fails when you override the remote file path. (Ticket #2919)	When you dynamically override the remote file path, then FTP Source aborts.
Issue in decrypting file using private key without password (Ticket #3386)	When you decrypt a file using private key, which does not have any password then it creates 0 KB file.
Issue while decrypting file (Ticket #3557)	When you decrypt file using data security, then some of the files are not getting decrypted.

Project	
Issue while changing group of a project (Ticket #3287)	When a project contains activities of more than one group, then you cannot change the group of the project. Also you cannot move all the objects to a different group.
Process Flow	
Process flow remain in running state (Ticket #4361)	Process flow remains in running state when OutOfMemoryError: Java heap space error comes during schema or mapping execution.
Schema	
Deletion of record fails with multiple primary key. (Ticket #3224)	When you delete a record in a database using Advanced Database Schema with multiple primary key's then it fails.
AS-4259	When you update CLOB field using Advanced Database Schema, then it takes more time.
Web Services	
Support to get client IP address in Web Service Provider (Ticket #3376)	In Web Service provider, support is added to get the client IP address. Whenever a Web Service provider is accessed, the IP address for the Web Service client is set into a context variable named as ClientIP.
AS-4318	Duplicate Web Service got published if you change the hostname, which has upper case letter in it, and edit and save any Ws Provider activity.
Case sensitive issue with Web Service endpoint. (Ticket #3308)	The endpoint of the Web Service provider is case sensitive.
AS-4317	When you deploy the accelerator zip which contains WS Provider activity and you click on synchronize button then correct WSDL path is not displayed in WS Provider activity view window.
AS-4403	When you edit WS consumer activity and change the value of binding field, End-point field value is not getting refreshed.

Enhancements/ Bug Fixes	Description/User Story
Version Tag : Release_6_1_01_30Oct_2013	

B2BI	
AS-4283	When you generate an outbound X12 277 5010 file, using EDI outbound processing and map the STC segment, then in the output file STC segment is missing.
AS-4204	When there is no new line character after IEA segment and new line is used as segment separator in file then B2B flow gets aborted.
AS-4284	If the EDI transaction set has size more than 32728 characters, then Inbound flows get aborted with data truncation error on HSQLDB backend.
ST ordering not maintained while creating EDISchema.xml in EDI Accelerator (Ticket #3249)	In EDI, while reading the EDI file Transaction Set order is not maintained.
Wrong inbound relationship is picked at runtime (Ticket #3186)	When multiple EDI files are processed concurrently, then some time wrong inbound relationship is picked.
Support to send single FA per trading partner.	Support is added to send single FA file per trading partner, when multiple ISA is received in the same input file. By default this feature disabled. To enable this feature, change the value <i>abpm.solution.edi.generateAckPerTradingPartner</i> property as <i>true</i> .
AS-4239	Support is added to use special character ø as segment terminator for EDI 997 file.
Data Mapper	
Missing operation in salesforce WSDL, when loaded into data mapper (Ticket #3230)	When latest salesforce enterprise WSDL is loaded into data mapper, then some of the operations do not load.
Extension elements disappear in data mapper (Ticket #3122)	When you create clone nodes and define different extension elements for those nodes, the extension elements disappear after the data mapper is closed and reopened.
Others	
Cannot copy message from system log (Ticket #3331)	System Logs screen does not allow to copy "Message" column.
Interactive boot failed (Ticket #3361)	After applying the patch, when you restart the Kernel, the interactive boot failed error comes.

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.

Adeptia Headquarters
343 West Erie, Suite 440
Chicago, IL 60654, USA
Email: info@adeptia.com

Adeptia India R&D Centre
D-74, Sector 63,
Noida, U.P. - 201301
India