

# **TIBCO ActiveMatrix® Adapter Service Engine for Lotus Notes**

## **Release Notes**

*Software Release 6.0.0  
November 2009*

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# Release Notes

Check the TIBCO Product Support web site at <http://support.tibco.com> for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one from the same site. You must have a valid maintenance or support contract to use this site.

## Topics

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## New Features

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This section lists features added since the last major release of this product.

### Release 6.0

The following are new features in this release.

- **Support for TIBCO ActiveMatrix Environments** The TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes component enables the adapter to run in the ActiveMatrix environment as a container and to provide services.

The release adds support for:

- Creating and configuring adapter service engine projects using TIBCO Business Studio.
- Importing Designer projects into the TIBCO Business Studio environment.
- Configuring ActiveMatrix endpoints for communicating with TIBCO ActiveMatrix BusinessWorks Service Engine.
- Configuring the logging of trace messages with the TIBCO Common Logging framework. Refer to TIBCO ActiveMatrix documentation for details.
- Using EAR2SA utility to deploy a .ear file that contains adapter project configurations and is created in TIBCO Designer.
- Deploying multiple adapter configurations on the same node.

See *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Configuration and Deployment* for more information.

## Changes in Functionality

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This section lists changes in functionality since the last major release of this product.

### Release 6.0

There are no changes in functionality in this release.

## Deprecated Features

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This section describes deprecated features and lists equivalent features that accomplish the same result, if relevant. Any use of a deprecated feature should be discontinued as it may be removed in a future release. You should avoid becoming dependent on deprecated features and become familiar with the equivalent feature.

### Release 6.0

No features are deprecated in this release.



## Compatibility and Migration

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- Adapter projects created using TIBCO Designer can be imported into the TIBCO Business Studio design time environment. See *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Configuration and Deployment* for more information.
- The EAR2SA utility cannot be used for .ear files that contain configurations for custom adapters.

## Closed Issues

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This section lists issues that were closed in the named release.

Closed in Release	Defect #	Summary
6.0.0	There are no closed issues.	

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## Known Issues

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The table in this section lists product defects known in this release.

Defect #	Summary/Workaround
1-A3ZKX5	<p><b>Summary</b> In TIBCO Business Studio, import a TIBCO Designer project that has several adapter services in one adapter instance. After deleting one of the adapter services, values of the adapter connection shared resource may be lost from the Runtime Connection section.</p> <p><b>Workaround</b> Unselect the adapter service that you don't need when importing the TIBCO Designer project.</p>
1-A0KLB9	<p><b>Summary</b> For an ActiveMatrix SOA project with several adapter components configured, running the service assembly can start only one component's services.</p> <p><b>Workaround</b> Follow the steps below:</p> <ol style="list-style-type: none"> <li>1. Double-click the .saf file to open the Service Assembly Editor.</li> <li>2. Click the <b>Add Service Unit</b> button and add a LotusNotesAdapter service unit.</li> <li>3. Manually drag one component from the existing service unit to the new service unit.</li> <li>4. Repeat Step 2 and Step 3 until there is only one component in each service unit.</li> <li>5. Build archive file from the modified .saf file.</li> <li>6. Deploy and start the new SA.</li> </ol>
1-A9WJL5	<p><b>Summary</b> BO2AE conversion fails when the attachment field contains both attachment and string.</p> <p><b>Workaround</b> Follow the steps below:</p> <ol style="list-style-type: none"> <li>1. In TIBCO Business Studio, select <i>project</i> &gt; AESchemas &gt; ae &gt; lotusnotes &gt; staticmetadata model, and then open the Schema Editor.</li> <li>2. Select the AttachmentsWithText class, change the name to attachmentsandtext. Save and do the conversion.</li> <li>3. Before generating the WSDL file to SOA project, revert the attachmentsandtext class to AttachmentsWithText.</li> </ol>

Defect #	Summary/Workaround
1-9XHVOH	<p><b>Summary</b> The uninstallation process for an adapter service engine takes long time.</p> <p><b>Workaround</b> Steps to uninstall an adapter service engine on Windows platform:</p> <ol style="list-style-type: none"> <li>1. Delete the file engine.jar from C:\Program Files\Common Files\InstallShield\Universal\TIBCO\Gen1\engine\1.0 (Windows platform) or USER_HOME/InstallShield/Universal/TIBCO/Gen1/engine/1.0 (Unix platform);</li> <li>2. Remove _uninstall directory from TIBCO_HOME directory;</li> <li>3. Run TIBCOUniversalInstaller in directory TIBCO_HOME\tools\universal_installer from command line with the argument: -V selfUpdate="true".</li> <li>4. Run universal_uninstall from TIBCO_HOME \_uninstall.</li> </ol>
1-A4WCR7	<p><b>Summary</b> The modification of Substitution Variables from SU through Matrix Administrator UI cannot be identified by the adapter service engine runtime.</p> <p><b>Workaround</b> Modify Substitution Variables in TIBCO Business Studio and regenerate the Service Assembly.</p>
1-A3P5C8	<p><b>Summary</b> The Log Debug message option for LogSink cannot be imported into TIBCO Business Studio from Designer Project with Designer project importing functionality.</p> <p><b>Workaround</b> Select the Log Sink option after importing the project..</p>
1-A0G9MT	<p><b>Summary</b> The adapter Instance Name cannot include some special characters such as blank like ' ad1nname' with a blank space in the beginning.</p> <p><b>Workaround</b> Do not use space as the leading character in adapter instance name.</p>
1-A1OGZZ	<p><b>Summary</b> The SA status shown in the ActiveMatrix console and administration UI are inconsistent for SA which are deployed or started using the command line in the Matrix console.</p> <p><b>Workaround</b> Use TIBCO ActiveMatrix Administrator UI to deploy and start SA.</p>
1-A9RTBW	<p><b>Summary</b> In TIBCO ActiveMatrix environment, if the default value -1 is used for Maximum Number of Reconnect Attempts, Publisher cannot be stopped while polling.</p> <p><b>Workaround</b> Change the Maximum Number of Reconnect Attempts to a value other than -1.</p>
1-A56OSP	<p><b>Summary</b> In TIBCO ActiveMatrix environment, projects with RVCM transport cannot be stopped completely.</p> <p><b>Workaround</b> Change transport from RVCM to RV before importing the project or using the EAR2SA utility.</p>
1-A7N5T5	<p><b>Summary</b> Configuring an RPC Server and an RPC Client under different adapter instances of the same project, both RPC Server and RPC Client fail to process messages.</p> <p><b>Workaround</b> Put the RPC Server and RPC Client under the same adapter instance.</p>

Defect #	Summary/Workaround
1-A76CH7	<p><b>Summary</b> Subscriber cannot process the messages that are sent from Publisher.</p> <p><b>Workaround</b> None.</p>
1-A76CGN	<p><b>Summary</b> The load balance function of RPC doesn't work. Restarting one node, all the other nodes stop working.</p> <p><b>Workaround</b> None.</p>
1-A76CG5	<p><b>Summary</b> With load balance function enabled, Subscriber loses messages.</p> <p><b>Workaround</b> None.</p>
1-A9BAAV	<p><b>Summary</b> SA fails to start on Unix platforms. The error message is: [Error Msg]:RV Error:Native implementation required</p> <p><b>Workaround</b> Change the .tra file that is used to start the Matrix Node. Add %RV_HOME%/lib%PSP% to the environment variables in the <i>Node_Name</i>.tra file:</p> <p>tibco.env.PATH=%RV_HOME%/lib%PSP%...</p> <p>HP-UX Platforms:</p> <p>tibco.env.SHLIB_PATH %RV_HOME%/lib%PSP%...</p> <p>Sun Solaris, Linux Platforms:</p> <p>tibco.env.LD_LIBRARY_PATH %RV_HOME%/lib%PSP%...</p> <p>AIX Platforms:</p> <p>tibco.env.LIBPATH %RV_HOME%/lib%PSP%...</p>

## Limitations

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This section lists the known limitations for the adapter service engine:

- Configuration of AE services is not supported in TIBCO Business Studio. Designer projects containing AE endpoints can be deployed in TIBCO ActiveMatrix environment using EAR2SA utility.
- When you import into TIBCO Business Studio a Designer project that contains global variables shared between adapter and BusinessWorks configurations, the global variables are converted into substitution variables for the adapter service units. Ensure that the values of these substitution variables match those of the global variables of the Business Works service units.
- The Active Matrix platform is inherently multi threaded and does not preserve the order in which the messages are delivered to a service. The Adapter Service Engine services can not be used if the consumer of these services is expecting ordered message processing.