SYBASE®
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Release Bulletin

Sybase Aleri Adapter for Replication Server® 2.0

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Contents

Product Summary **1**
Installation and Upgrade **1**
Known Issues **1**
Obtaining Help and Additional Information **3**
Technical Support 4
Downloading Sybase EBFs and Maintenance Reports 4
Sybase Product and Component Certifications 4
Creating a MySybase Profile 5
Accessibility Features 5

Product Summary

This release bulletin provides late-breaking information about the Sybase® Aleri Adapter for Replication Server® 2.0. A more recent version may be available on the Web.

This adapter runs on the following operating systems:

OPERATING SYSTEM	VERSION
Red Hat Enterprise Linux	5
SUSE Linux	10.0
Solaris 10 SPARC	3/05 or higher
Solaris 10 x86	3/05 or higher
Windows XP	any
Windows Server 2003 Enterprise x64	2003 sp2

This adapter requires the following applications:

PRODUCT	VERSION
Java SDK	1.6.0_18 or higher
Sybase Aleri Streaming Platform	3.2 EBF28192
Sybase Replication Server	15.6 or 15.2
Sybase Adaptive Server Enterprise	15

Installation and Upgrade

Get last-minute information about installation and upgrading that was omitted from or incorrect in your users guide, or that needs special emphasis.

For detailed information about installing and upgrading, see the *Users Guide*.

Known Issues

Learn about known issues and workarounds.

CR #	Description
N/A	Primary keys cannot be updated.
N/A	Sybase Aleri Streaming Platform element names must match column names. Mapping of table to stream works, but we do not currently look at the column to element map.
N/A	If there are two different RepDefs that define the same **owner.objectname**, the columns from both will show up in one discovered table.
N/A	Sybase Aleri Streaming Platform default logging levels will hide some issues that can stop the adapter from running. The most noticeable one is the Sybase Aleri Streaming Platform will not run unless all streams have primary keys defined. This includes the "warning message" that displays the problem. If you are having problems running, change the Debug Level to 4 within the Startup Options of the model.
651345	A model can listen on 2 TDS ports, but cannot distribute data from 2 DataLocations into one Stream.
658983	The "truncate table" command is not supported.
657734	TIME values inserted in a stream are displayed with an offset to GMT.
657382	The StreamViewer displays large money data values in scientific notation. This also affects output files created using "Save Data" from the StreamViewer. For example, "100000000.0000" converts to "1.0E8" and "922337203685477.5807" converts to "9.223372036854776E14". This is a viewer issue. When you create an output connection and write the values to a CSV file, the values appear fine.
649796	Per Stream Properties always use default settings.
646154	Need to create the Replication Server connection and subscriptions prior to creating the Aleri DataLocation because the DataLocation needs the connection info and subscriptions to exist before it can do Discovery. But the Replication Server connection will not come up until the Aleri DataLocation and table Stream is started. Until the connection comes UP, the subscriptions will not be VALID.
650201	Updates to a key field are supported only under certain very specific conditions.
650142	The autogen parameter must be set to true for streams handling stored procedures or they will not update properly.
648035	The rs_lastcommit should always be configured to be persisted and all models using the same RSAleriAdapter RS connection should be forced to utilize a common rs_lastcommit persistent file, otherwise there will be problems at startup.
648866	Dematerialization of subscriptions is not supported.
649672	The MONEY type of the Sybase Aleri Streaming Platform Pub/Sub API does not accept java.math.BigDecimal.

CR #	Description
648206	The adapter does not support bulk inserts from the Replication Server.
651192	Minimal columns is not supported: it should be off at both the red def and connection level.
648046	SSL is not implemented in the adapter.
648605	The adapter only supports two authentication methods: "none" and "pam". It does not support "rsa" or "gssapi".
648207	The adapter does not support dynamic inserts from the Replication Server.
646871	Transactions are not guaranteed to be consistent across streams.
648609	Table, column and stored procedure names may not contain spaces, SQL keywords, or delimited identifiers. Any names that contain these characters must be changed in the subscription.
650493	Not all Replication Server configuration parameters can be left set to their defaults. [NEED LIST AND VALUES]
652043	The StreamViewer displays the character string "null" as "NULL" while the console shows the value as lower case. This conversion affects data saved from the Stream-Viewer also.
648794	The "Admin User" name (default aarsAdminUser), specified in the Advanced property tab for the connector, must be unique to distinguish incoming RepServer TDS connections from "Admin User" connections. If the "Admin User" matches the login name from RepServer, "SQL Command denied for Admin User" errors will be returned to the log and/or TDS client.

Obtaining Help and Additional Information

Use the Sybase Getting Started CD, Product Documentation site, and online help to learn more about this product release.

- The Getting Started CD (or download) – contains release bulletins and installation guides in PDF format, and may contain other documents or updated information.
- Product Documentation at *http://sybooks.sybase.com/* – is an online version of Sybase documentation that you can access using a standard Web browser. You can browse documents online, or download them as PDFs. In addition to product documentation, the Web site also has links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, Community Forums/Newsgroups, and other resources.
- Online help in the product, if available.

To read or print PDF documents, you need Adobe Acrobat Reader, which is available as a free download from the *Adobe* Web site.

Note: A more recent release bulletin, with critical product or document information added after the product release, may be available from the Product Documentation Web site.

Technical Support

Get support for Sybase products.

If your organization has purchased a support contract for this product, then one or more of your colleagues is designated as an authorized support contact. If you have any questions, or if you need assistance during the installation process, ask a designated person to contact Sybase Technical Support or the Sybase subsidiary in your area.

Downloading Sybase EBFs and Maintenance Reports

Get EBFs and maintenance reports from the Sybase Web site.

1. Point your Web browser to *http://www.sybase.com/support*.
2. From the menu bar or the slide-out menu, under **Support**, choose **EBFs/Maintenance**.
3. If prompted, enter your MySybase user name and password.
4. (Optional) Select a filter from the **Display** drop-down list, select a time frame, and click **Go**.
5. Select a product.

   Padlock icons indicate that you do not have download authorization for certain EBF/Maintenance releases because you are not registered as an authorized support contact. If you have not registered, but have valid information provided by your Sybase representative or through your support contract, click **My Account** to add the "Technical Support Contact" role to your MySybase profile.
6. Click the **Info** icon to display the EBF/Maintenance report, or click the product description to download the software.

Sybase Product and Component Certifications

Certification reports verify Sybase product performance on a particular platform.

To find the latest information about certifications:

- For partner product certifications, go to *http://www.sybase.com/detail_list?id=9784*
- For platform certifications, go to *http://certification.sybase.com/ucr/search.do*

Creating a MySybase Profile

MySybase is a free service that allows you to create a personalized view of Sybase Web pages.

1. Go to *http://www.sybase.com/mysybase*.
2. Click **Register Now**.

Accessibility Features

Accessibility ensures access to electronic information for all users, including those with disabilities.

Documentation for Sybase products is available in an HTML version that is designed for accessibility.

Vision impaired users can navigate through the online document with an adaptive technology such as a screen reader, or view it with a screen enlarger.

Sybase HTML documentation has been tested for compliance with accessibility requirements of Section 508 of the U.S Rehabilitation Act. Documents that comply with Section 508 generally also meet non-U.S. accessibility guidelines, such as the World Wide Web Consortium (W3C) guidelines for Web sites.

Note: You may need to configure your accessibility tool for optimal use. Some screen readers pronounce text based on its case; for example, they pronounce ALL UPPERCASE TEXT as initials, and MixedCase Text as words. You might find it helpful to configure your tool to announce syntax conventions. Consult the documentation for your tool.

For information about how Sybase supports accessibility, see the Sybase Accessibility site: *http://www.sybase.com/products/accessibility*. The site includes links to information about Section 508 and W3C standards.

You may find additional information about accessibility features in the product documentation.