

Release Bulletin Replication Agent™ 15.1 for Linux, Microsoft Windows, and UNIX

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1. Accessing current release bulletin information

A more recent version of this release bulletin may be available on the Web. To check for critical product or document information added after the product release, use the Sybase® Product Manuals Web site.

❖ **Accessing release bulletins at the Sybase Product Manuals Web site**

- 1 Go to Product Manuals at <http://www.sybase.com/support/manuals/>.
- 2 Select a product and language and click Go.
- 3 Select a product version from the Document Set list.
- 4 Select the Release Bulletins link.
- 5 From the list of individual documents, select the link to the release bulletin for your platform. You can either download the PDF version or browse the document online.

2. Product summary

Replication Agent extends the capabilities of Replication Server® by allowing non-Sybase database servers to act as primary data servers in a replication system based on Sybase replication technology.

2.1 Platforms and operating systems

Replication Agent 15.1 software requires one of the platforms and operating system versions listed in Table 1. All of these platforms, except HP Itanium, are supported in both 32-bit and 64-bit mode. HP Itanium is supported only in 64-bit mode.

Note Future releases of Replication Agent will phase out support for 32-bit platforms.

Table 1: Platform and operating system requirements

Platform	Operating system version
HP PA-RISC ^{a, b}	HP-UX 11iR2
HP Itanium ^b	HP-UX 11.31
IBM RISC System/6000 ^b	IBM AIX 5.3
Linux/Intel ^b	<ul style="list-style-type: none"> • Red Hat Enterprise Linux 4.0: Kernel version 2.6.9-22.EL • Red Hat Enterprise Linux 5.0: Kernel version 2.6.18-8.e15 • SuSE Linux Enterprise Server 9: Kernel version 2.6.5-7.241 • SuSE Linux Enterprise Server 10: Kernel version 2.6.16.21-0.8
Microsoft Windows	Windows Server 2003 5.2.3790 Windows Server XP Professional 5.1.2600 Windows Server Vista 6.0.6000
Sun Solaris (SPARC) ^b	Sun Solaris 9, 10

a. HP PA-RISC is currently supported, but in a future release, Sybase will discontinue support.

b. Replication Agent for Microsoft SQL Server is not supported on any UNIX or Linux platforms. It is supported only on Microsoft Windows.

Note Before you install the Replication Agent 15.1 software, you must install the most recent operating system patches recommended by your operating system vendor for Java 5.0 support.

Table 2 lists the minimum physical memory, storage, and media device requirements on the Replication Agent host machine. Your Replication Agent configuration may require more memory and disk space than the minimums listed in Table 2.

Table 2: Memory, disk space, and media device requirements

Memory	Disk space	Media device
512MB RAM	300MB hard disk	CD-ROM drive

2.2 Compatible products

Table 3 lists the database server versions supported by Replication Agent 15.1.

Table 3: Databases compatible with Replication Agent

Database	Versions
IBM DB2 Universal Database	Enterprise Edition 8.2.2, 9.1
Oracle Server	9i (9.2.0), 10g (10.1, 10.2)
Microsoft SQL Server	2005

Replication Agent requires a JDBC 3.0-compliant driver for the primary data server. Table 4 lists the JDBC driver versions required to support connectivity between Replication Agent 15.1 and the primary data server.

Table 4: Drivers compatible with Replication Agent

Driver	Versions
DB2 Universal Database Administration Client	8.2, 9.1 (32-bit on all platforms except HP Itanium, which requires 64-bit)
Oracle JDBC driver	10.2 for JDK 1.4 and 1.5
Microsoft SQL Server JDBC driver	1.2

Replication Agent 15.1 is compatible with the Sybase products listed in Table 5.

Table 5: Replication Agent 15.1 compatibility

Sybase product	Version
Replication Server	12.6 ESD #6 and later, 15.x
Sybase Software Asset Management (SySAM)	2.0

3. Special installation instructions

This section documents installation issues that are not covered in the Replication Agent *Installation Guide*.

3.1 Operating system patch requirements

Replication Agent 15.1 is compatible with Microsoft Windows 2003, as well as several UNIX operating systems. See “Product summary” on page 2 for more information on operating system versions supported by Replication Agent 15.1.

There might be Java-related patches for the Solaris, HP-UX, and AIX operating systems that you should install before installing Replication Agent. The following sections describe how to find any operating system patches that might be required for Replication Agent 15.1.

Note See the Web site for your operating system to verify that the patches for your database server are current.

3.1.1 HP-UX

HP-UX patches for HP Itanium and HP PA-RISC can be found at the product Web site at <http://www.hp.com/products1/unix/java/patches/index.html>.

3.1.2 Solaris

Solaris SPARC patches can be found at the product Web site at http://java.sun.com/javase/downloads/index_jdk5.jsp.

3.1.3 IBM AIX

AIX patches can be found at the product Web site at <http://www.ibm.com/developerworks/java/jdk/aix/service.html>.

4. Special upgrade instructions

Customers using Replication Agent version 12.6 or 15.0 can upgrade to Replication Agent 15.1 by following the migration instructions in Appendix A of the Replication Agent *Primary Database Guide*.

5. Known issues

This section describes known issues in Replication Agent 15.1 at the time of release. These issues are identified with Change Request (CR) numbers to which you can refer when contacting Sybase Technical Support. Workarounds are provided where available.

The following issues are grouped by the database targets that they affect:

- Known issues for all database targets
- Known issues for Microsoft SQL Server and Oracle

- Known issues for Microsoft SQL Server
- Known issues for Oracle
- Known issues for IBM DB2 UDB

5.1 Known issues for all database targets

This section describes known issues in Replication Agent 15.1 that are not specific to a particular environment or data server type.

5.1.1 Edits on pending property changes

[CR# 211427] Validation of changes made to Replication Agent configuration parameters might not occur until the Replication Agent instance is restarted. If you enter an invalid configuration parameter value, an error might not be returned until the Replication Agent instance is restarted.

Workaround: Restart the Replication Agent instance immediately after you change a configuration parameter that requires a restart to take effect.

5.1.2 Viewing trace log in *vi* returns error

[CR# 404994] Viewing a trace log in *vi* may return this error:

```
Line too long.
```

Workaround: View the trace log using a different editor.

5.1.3 Error while loading shared libraries when running Replication Agent on Red Hat Linux 5.0

You may be unable to start Replication Agent due to this error message:

```
Error while loading shared libraries.
```

Workaround: Check the system configuration and change the firewall configuration from “*enforcing*” to “*permissive*.” You must have root or sudo permission to make this change.

5.1.4 Cannot view text fields properly when using Hummingbird Exceed from a Windows work station

If you use Hummingbird Exceed from a Windows work station to install Replication Agent on a UNIX host, you might not be able to view all of the text fields on the Sybase Installer screens.

Workaround: Use a native X-Windows session to run the Sybase Installer, or run the Sybase Installer in console or silent mode. For additional information, see the Replication Agent *Installation Guide*.

5.1.5 Sybase Central fails to open after Replication Agent uninstallation

[CR# 399954] After the uninstallation of Replication Agent, the SYBASE system environment variable is removed and Sybase Central does not open.

Workaround: Redefine the SYBASE system environment variable.

5.2 Known issues for Microsoft SQL Server and Oracle

This section describes known issues in Replication Agent 15.1 that are specific to Microsoft SQL Server and Oracle.

5.2.1 RASD restore fails with “could not stop database” error

[CR# 488021] Command `rasd_restore` fails with this error:

```
Command <rasd_restore> failed - Could not stop database.
```

Workaround: Shut down the Replication Agent, apply the latest ESD, then restart Replication Agent and re-try the command. The fix is available in Replication Agent 15.1 ESD #1 or later.

5.2.2 Command `rs_create_repdef` assumes configuration `pdb_convert_datetime` is false

[CR# 488347] Command `rs_create_repdef` creates a replication definition, and for date columns, the replication definition created has a column datatype defined that assumes Replication Agent configuration `pdb_convert_datetime` is set to false. If `pdb_convert_datetime` is set to true, the format of the date value will not match the format expected by Replication Server.

Workaround: Change the `pdb_convert_datetime` configuration to false, or create replication definitions manually (do not use command `rs_create_repdef`).

5.2.3 `rasd_database` and `rasd_tran_log` parameters fail with the default value

[CR# 386246] When you use the `rasd_database` and `rasd_tran_log` parameters with the default value, the parameters fail.

Workaround: Supply a specific value.

5.2.4 *pdb_setrepddl enable* fails when *use_rssd* is set to *false*

[CR# 404985] If you are using a database replication definition and the *use_rssd* parameter is set to *false*, the *pdb_setrepddl enable* command fails.

Workaround: Set *use_rssd* parameter to *true*.

5.3 Known issues for Microsoft SQL Server

This section describes known issues in Replication Agent 15.1 that are specific to Microsoft SQL Server.

5.3.1 Replication Agent fails to replicate DDL commands on 32-bit Windows Vista

[CR# 489105] Replication Agent fails with a `NullPointerException` while attempting to replicate DDL commands on 32-bit Windows Vista.

Workaround: Do not specify a transaction name, or make sure the length of the transaction name is a multiple of 4.

5.3.2 Sybfilter fails to start up on 64-bit Windows Vista

[CR# 489820] Sybfilter fails to start up on 64-bit Windows Vista and displays this error:

```
ERROR: Could not connect to filter: 0x80070002
```

Workaround:

Download and apply the latest ESD. The fix is available in Replication Agent 15.1 ESD #1 or later.

5.3.3 Replication Agent instance fails to start after upgrading Replication Agent instance from a UNIX platform to a Windows platform

[CR# 490356] After upgrading a Replication Agent instance from a UNIX platform to a Windows platform, the Replication Agent 15.1 instance fails to start up and displays this error:

```
Error setting logging directory for instance XXX  
because: <Log directory <YYY> does not exist>.
```


Workaround: After upgrading the Replication Agent instance, edit the Replication Agent 15.1 instance configuration file, and modify the value of the `log_directory` parameter to point to the correct path of the Replication Agent instance log directory. By default, the log directory resides under the Replication Agent 15.1 instance directory. For example:

Before:

```
log_directory=/opt/Sybase/RAX-15_0/myra/log
```

After:

```
log_directory=c:\\sybase\\RAX-15_1\\myra\\log
```

Note On Microsoft Windows, be sure to include double backslashes as shown in the example.

5.3.4 *n*text column not replicated in correct byte order

[CR# 490361] Replication Agent does not replicate an *n*text column in the correct byte order when `lrl_big_endian_unitext` parameter is set to true and `lrl_n_text_byte_order` is set to little. The *n*text column is incorrectly sent in little endian byte order to Replication Server.

Workaround: Download and apply the latest ESD. The fix is available in Replication Agent 15.1 ESD #1 or later.

5.4 Known issues for Oracle

This section describes known issues in Replication Agent 15.1 that are specific to Oracle.

5.4.1 Objects not replicated in version 15.1

The replication of the following Oracle objects is not available in Replication Agent for Oracle:

- Index-Organized tables
- Stored procedures and functions that are in a PACKAGE
- Procedures and functions that have a BOOLEAN parameter

For additional information for Replication Agent object support, refer to the Replication Agent *Primary Database Guide*.

5.4.2 Oracle cluster table support

[CR# 488555] Replication Agent fails to generate the correct Log Transfer Language (LTL) for the Data Manipulation Language (DML) command on the Oracle Cluster Table.

Workaround: Download and apply the latest ESD. The fix is available in Replication Agent 15.1 ESD #1 or later.

5.4.3 *alter type* Data Definition Language (DDL) command has limited support

[CR# 405206] During replication of the *alter type* command, the type change does not propagate to the dependents of the type.

Workaround: The Replication Agent must be re-initialized to recognize the changed type.

5.4.4 *create table DDL* has limited support for UDD object types

[CR# 405207] User Defined Datatypes (UDD) object types with nested object types are not supported for *create table DDL* commands.

Workaround: The Replication Agent must be re-initialized to recognize the new table.

5.4.5 *pdb_setreptable* may fail for a table that contains a column with a new UDD object type

[CR# 405269] The *pdb_setreptable* command may fail for a table that contains a column with a UDD object type that has been created after initialization and before resuming replication.

Workaround: Resume replication, wait, and mark the table again.

5.4.6 Disabling the *recyclebin* in Oracle 10.1

The Oracle “*recyclebin*” configuration property was not added until Oracle 10.2. To disable the recycle bin in Oracle 10.1, you must set the Oracle hidden property:

```
ALTER SYSTEM SET "_recyclebin"=FALSE SCOPE = BOTH;
```

5.4.7 *pdb_xlog* init fails – cannot find an Oracle instance name

[CR# 490325] If the *tnsnames.ora* file has been modified and the *pds_tns_filename* configuration parameter has been specified for an Oracle RAC or ASM environment, you need to verify that there is a blank line (actually, two carriage control characters) after each stanza, including the last one.

5.5 Known issues for IBM DB2 UDB

This section describes known issues in Replication Agent 15.1 that are specific to IBM DB2 UDB.

5.5.1 After replicating, Replication Agent fails to reposition at the end of the log

When both Replication Agent and Replication Server locators are re-set to 0 (zero) after replicating some transactions, Replication Agent fails to reposition at the end of the log.

Workaround: Restart Replication Agent after resetting both locators to 0 (zero).

5.5.2 No Class Definition Found Error occurs if the library path contains two colons

On HP, if the *SHLIB_PATH* contains two colons (::) with no intervening directory, when you resume the Replication Agent you get this error message:

```
java.lang.NoClassDefFoundError
```

Workaround: Add a line to the *SYBASE/RAX-15_1/bin/ra.sh* script to source your UDB instance's *db2profile* (which does not have the same problem as the *db2cshrc*). For example, if your UDB instance directory is "/home/db2inst1", edit your Replication Agent script by adding the one (bold) line as follows:

```
elif [ $os = HP-UX ]
then
  . /home/db2inst1/sqllib/db2profile
  SRVR=-server
  SHLIB_PATH=$ASA_LIB:$RAX_DIR/lib/hpux:$SHLIB_PATH
  export SHLIB_PATH
```

6. Documentation updates and clarifications

This section describes updates to the Replication Agent documentation.

6.1 Replication Agent Reference Manual

The following sections are updates to the Replication Agent *Reference Manual* in the “Command Reference” and “Configuration Parameters” chapters.

6.1.1 Chapter 1, Command Reference

The following are updates to the commands.

Usage subsection

- For each of these commands, add the “Note”, based on the target database:
 - `pdb_get_columns`
 - `pdb_get_primary_keys`
 - `pdb_get_procedures`
 - `pdb_get_procedure_parms`
 - `pdb_get_table`

For Oracle and Microsoft SQL Server apply this note:

Note Results from these commands are taken from the Replication Agent System Database (RASD).

For DB2 UDB apply this note:

Note Results from these commands are taken directly from the primary database.

- For each of these commands, add the following information:
 - `pdb_setreptable` – if a marked table is renamed or dropped and a new table with the original name is created, you must mark the new table because the new table has no marking-related information from the original table.
 - `pdb_setrepproc` – if a marked procedure is renamed or dropped and a new procedure with the original name is created, you must mark the new procedure because the new procedure has no marking-related information from the original procedure.

- `pdb_setrepcol` – if a column is renamed or dropped and a new column with the original name is created, you must enable or disable replication from this new column because the new column has no status-related information from the original column.

***pdb_setrepcol* command**

Replace the contents of the "Syntax" subsection with the following:

- To return replication status of all LOB columns in all tables or all LOB columns in a specific table, or to enable or disable all LOB columns in a table:

```
pdb_setrepcol [tablename [enable|disable]]
```

- To return replication status of a specific LOB column in a specific table:

```
pdb_setrepcol tablename, colname
```

- To enable or disable all LOB columns in all marked tables:

```
pdb_setrepcol all [, {enable|disable} [, force]]
```

- To enable or disable replication for a specified LOB column:

```
pdb_setrepcol tablename, colname [, {enable|disable} [, force]]
```

***pdb_setreptable* command**

Add the following information:

- In the “Parameters” subsection in the owner parameter description, add the following:

owner mode sets a flag in the LTL telling Replication Server that any table level Replication definition must be owner qualified to match this table.

If the owner mode is set, the replication definition must be owner qualified. If the owner mode is not set, the replication definition must not be owner qualified.

- In the “Usage” subsection, add the following information:

When a table is marked for replication and the owner mode is set to on, the replication definition must contain the owner name in the “with primary table named” clause, or the “with all tables named” clause. If the owner mode setting and the existence of the owner name in the replication definition do not match, the replication definition is not be used.

For example:

- Issuing the following command with the owner mode set to on:

```
pdb_setreptable "mytable", mark, owner
```

causes the `rs_create_repdef` command to generate the following replication definition for the primary and replicate database, which the Replication Server expects to receive:

```
create replication definition ra$0xda_"mytable"
with primary at ora102.dco
with primary table named "qa4user"."mytable"
with replicate table named "qa4user"."mytable"
.
.
.
```

- Issuing the following command with the owner mode set to off:

```
pdb_setreptable "mytable", mark
```

causes the `rs_create_repdef` command to generate the following replication definition for the primary and replicate database, which the Replication Server expects to receive:

```
create replication definition ra$0xda_"mytable"
with primary at ora102.dco
with primary table named "mytable"
with replicate table named "qa4user"."mytable"
.
.
.
```

***pdb_skip_op* command**

Replace and add the following information

- In the “Parameters” subsection, replace the identifier parameter description with the following:

Identifies the log record to skip. Use either a locator or a database specific syntax.

- In the “Examples” subsection, add the following example:

Example 5

```
pdb_skip_op add, locator
```

This command adds an ID to the list of identifiers you want to skip.

6.1.2 Chapter 2, Configuration Parameters

The following are updates to the configuration parameters.

rs_ticket_version

Add the `rs_ticket_version` configuration parameter:

Description	Determines whether Replication Agent records the primary database time or the primary database date and time into the <code>rs_ticket</code> marker.
Default	1
Values	<ul style="list-style-type: none"> • 1 – Replication Agent records only the primary database time. • 2 – Replication agent records both the primary database date and time.
Comments	<ul style="list-style-type: none"> • If the value is set to 1, Replication Agent records only the primary database time into <code>rs_ticket</code> marker. For example, 13:20:19.368. • If the value is set to 2, Replication Agent records both the primary database date and time into <code>rs_ticket</code> marker. For example, 12/14/07 13:20:19.368. • See also, <code>rs_ticket</code> command.

rs_create_repdef

In the `rs_create_repdef` configuration parameter section, add the following information to the “Usage” subsection:

When a table is marked for replication and the owner mode is set to on, the replication definition created by `rs_create_repdef` includes the owner name as part of the table name for a table replication definition in the “with primary table named” clause.

pdb_convert_datetime

In the `pdb_convert_datetime` configuration parameter section, add the following information in the “Usage” subsection:

Replication definitions created by the `rs_create_repdef` command always define the datatypes using available `UserDefinedDatatypes` that are installed in Replication Server. If you use the `rs_create_repdef` command, do not set the Replication Agent configuration property `pdb_convert_datetime` to true, as this will convert date and timestamp datatypes to Sybase format, instead of UDD format.

rs_packet_size

In the `rs_packet_size` configuration parameter section, in the “Value” subsection, change the minimum value allowed from 512 to 2048.

6.2 Replication Agent Primary Database Guide

The following are updates the Replication Agent *Primary Database Guide*.

6.2.1 Chapter 1, Replication Agent for Microsoft SQL Server

In the section “Datatype compatibility”, Table 1-2: Microsoft SQL Server to Replication Server default datatypes to Sybase Replication Server datatypes, change the following Microsoft SQL Server datatype mapping to Sybase datatype:

- Map timestamp to timestamp or varbinary.

In the “Notes” subsection, replace the information with the following:

For replication to Replication Server 15.0 and earlier versions, the Sybase datatype should be varbinary(8). For replication to Replication Server 15.1 or later, the Sybase datatype should be timestamp.

- Map uniqueidentifier to char.

In the “Notes” subsection, replace the information with the following:

No Sybase equivalent. Map to char(38).

- Map sql_variant to varchar or opaque.

In the “Notes” subsection replace the information with the following:

- For replication to Replication Server 15.0 and earlier versions, the Sybase datatype should be varchar.
- For replication to Replication Server 15.1 or later, the Sybase datatype should be opaque.

6.2.2 Appendix A, Upgrading Replication Agent

- In the section named “Upgrading Replication Agent for UDB,” in the subsection named “Migrating Replication Agent 15.1 when upgrading UDB 8 to 9,” add the following note at the beginning of step 5:

Note Step 5 and step 7 are necessary only if the `use_rssd` configuration parameter value was set to `false` prior to the migration. Otherwise, both steps may be skipped.

- In the section named “Upgrading Replication Agent for Microsoft SQL Server,” in *each* of the two subsections, add to step 2b, “Within each of these instance subdirectories that you just created, create two subdirectories named *log* and *scripts*”:
 - “Replication Agent 15.1 is installed on a Windows host, but the previous version is installed on a UNIX or Linux host, and the current version of Microsoft SQL Server is 2005”
 - “Replication Agent 15.1 is installed on a Windows host, but the previous version is installed on a UNIX or Linux host, and the current version of Microsoft SQL Server is 7 or 2000”

6.3 Replication Agent Administration Guide

The following are updates the Replication Agent *Administrative Guide*.

6.3.1 Chapter 3, Administering Replication Agent

In the section “Managing the Replication Agent System Database”, add the following section:

Modifying the RASD default host and port number configuration

The RASD, an embedded SQL Anywhere database, starts up when the Replication Agent starts up. By default, the SQL Anywhere host value is `localhost`, and the SQL Anywhere port number is the Replication Agent port number +1.

If you cannot start the Replication Agent instance because these values conflict with the host environment, you may change them by editing the Replication Agent configuration parameters `asa_host` and `asa_port`, found in the instance configuration file. For example:

```
$SYBASE/RAX-15_1/<instance>/<instance>.cfg
```

Where <instance> is the name of your Replication Agent instance.

Note The Replication Agent must be restarted after changing these configurations.

7. Technical support

Each Sybase installation that has purchased a support contract has one or more designated people who are authorized to contact Sybase Technical Support. If you have any questions about this installation or if you need assistance during the installation process, ask the designated person to contact Sybase Technical Support or the Sybase subsidiary in your area.

8. Other sources of information

Use the Sybase Getting Started CD, the SyBooks CD, and the Sybase Product Manuals Web site to learn more about your product:

- The Getting Started CD contains release bulletins and installation guides in PDF format, and may also contain other documents or updated information not included on the SyBooks CD. It is included with your software. To read or print documents on the Getting Started CD, you need Adobe Acrobat Reader, which you can download at no charge from the Adobe Web site using a link provided on the CD.
- The SyBooks CD contains product manuals and is included with your software. The Eclipse-based SyBooks browser allows you to access the manuals in an easy-to-use, HTML-based format.

Some documentation may be provided in PDF format, which you can access through the PDF directory on the SyBooks CD. To read or print the PDF files, you need Adobe Acrobat Reader.

Refer to the *SyBooks Installation Guide* on the Getting Started CD, or the *README.txt* file on the SyBooks CD for instructions on installing and starting SyBooks.

- The Sybase Product Manuals Web site is an online version of the SyBooks CD that you can access using a standard Web browser. In addition to product manuals, you will find links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, newsgroups, and the Sybase Developer Network.

To access the Sybase Product Manuals Web site, go to Product Manuals at <http://www.sybase.com/support/manuals/>.

8.1 Sybase certifications on the Web

Technical documentation at the Sybase Web site is updated frequently.

❖ Finding the latest information on product certifications

- 1 Point your Web browser to Technical Documents at <http://www.sybase.com/support/techdocs/>.
- 2 Click Certification Report.
- 3 In the Certification Report filter select a product, platform, and time frame and then click Go.
- 4 Click a Certification Report title to display the report.

❖ Finding the latest information on component certifications

- 1 Point your Web browser to Availability and Certification Reports at <http://certification.sybase.com/>.
- 2 Either select the product family and product under Search by Base Product; or select the platform and product under Search by Platform.
- 3 Select Search to display the availability and certification report for the selection.

❖ Creating a personalized view of the Sybase Web site (including support pages)

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

- 1 Point your Web browser to Technical Documents at <http://www.sybase.com/support/techdocs/>.
- 2 Click MySybase and create a MySybase profile.

8.2 Sybase EBFs and software maintenance

❖ Finding the latest information on EBFs and software maintenance

- 1 Point your Web browser to the Sybase Support Page at <http://www.sybase.com/support>.

- 2 Select EBFs/Maintenance. If prompted, enter your MySybase user name and password.
- 3 Select a product.
- 4 Specify a time frame and click Go. A list of EBF/Maintenance releases is displayed.

Padlock icons indicate that you do not have download authorization for certain EBF/Maintenance releases because you are not registered as a Technical Support Contact. If you have not registered, but have valid information provided by your Sybase representative or through your support contract, click Edit Roles to add the “Technical Support Contact” role to your MySybase profile.

- 5 Click the Info icon to display the EBF/Maintenance report, or click the product description to download the software.

9. Accessibility features

This document is available in an HTML version that is specialized for accessibility. You can navigate the HTML with an adaptive technology such as a screen reader, or view it with a screen enlarger.

Replication Agent 15.1 and the HTML documentation have been tested for compliance with U.S. government Section 508 Accessibility requirements. 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.

For a section 508 compliance statement for Replication Server Options, go to the Voluntary Product Assessment Template at http://www.sybase.com/detail_list?id=52484

Note You might 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 Sybase Accessibility at <http://www.sybase.com/accessibility>. The Sybase Accessibility site includes links to information on Section 508 and W3C standards.