SYBASE®

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Release Bulletin

Sybase IQ InfoPrimer 15.3

Contents

Product Summary

This release bulletin provides late-breaking information about Sybase® IQ InfoPrimer. A more recent version may be available on the Web.

Sybase IQ InfoPrimer 15.3 includes Sybase IQ InfoPrimer Development and Sybase IQ InfoPrimer Server.

Sybase IQ InfoPrimer Development

Before installing Sybase IQ InfoPrimer Development, make sure that your environment meets the operating-system and disk-space requirements.

Operating Systems
The platform and operating systems supported by IQ InfoPrimer Development are:

- Windows XP Professional with Service Pack 3 – 32-bit
- Windows XP Professional with Service Pack 2– 64-bit
- Windows 7 Professional and Enterprise 32- and 64-bit

Disk Space
The minimum amount of disk space required by the IQ InfoPrimer Development is 450MB.

Sybase IQ InfoPrimer Server

Before installing IQ InfoPrimer Server, make sure that your environment meets the platform, operating-system, database, and database-interface support requirements.

Server Platforms and Operating Systems
Lists the platform and operating systems supported by IQ InfoPrimer Server.

Platform	Version
HP Itanium	11.23 – 64-bit 11.31 – 64-bit
IBM AIX	6.1 – pSeries 64-bit

Platform	Version
Microsoft Windows	• Windows 2003 Standard Edition R2 – 64-bit, Windows 2003 Enterprise Edition R2 – 32-bit and 64-bit • Windows XP Professional Service Pack 3 – 32-bit, Windows XP Professional Service Pack 2 – 64-bit • Windows 7 – 32-bit and 64-bit • Windows 2008 – 32-bit and 64-bit Standard, Enterprise, and Data Center editions
Red Hat Enterprise Linux	• 5.3 on POWER – 64-bit • x86 – 64-bit
Sun Solaris	• 10 (SPARC) – 64-bit • 10 Solaris AMD
SuSE Linux Enterprise Server	10 and 11 on POWER and x86 – 64-bit

For a complete list of supported operating systems on each platform, see the Sybase platform certifications Web site at *http://certification.sybase.com*.

Disk Space

Know the required disk space for installing IQ InfoPrimer Server.

The minimum amount of disk space required by the IQ InfoPrimer Server is 1GB.

Note: To install SQL Anywhere® 11, the minimum amount of disk space required is 1.6GB.

Interfaces

Sybase IQ InfoPrimer supports interfaces for connecting to destination or source databases.

The supported interfaces are:

• Sybase
• DB2 – supported only for connecting to source databases.
• ODBC – you must install the ODBC driver for IQ that comes with Sybase IQ on the same machine where Sybase IQ InfoPrimer Development and Server are running, and you must define a system datasource name (DSN) for the target.
• Oracle – supported only for connecting to source databases.
• OLE DB – supported only for connecting to Microsoft SQL (MSSQL) Server source databases.
• SQLite Persistent – supported only for connecting to source databases.

See *Sybase IQ InfoPrimer Users Guide > Extract Transform and Load Projects > ETL Components > Database Connection Settings*.

Interface Driver Versions
The interface drivers supported by Sybase IQ InfoPrimer Server.

Driver	Version
Sybase native (via Client-Library™)	15.5 ESD #6 (Windows, UNIX, and Linux)
	Note: These driver version are automatically installed with Sybase IQ InfoPrimer.
Adaptive Server® Enterprise ODBC	15.05.x (Windows only)
SQL Anywhere ODBC	11.0.1.x
Sybase IQ 15.3 ODBC	11.00.01.6047 or higher
IBM DB2 native	9.07.x, 9.01.x
IBM DB2 ODBC	9.07.x, 9.01.x (Windows only)
Microsoft SQL Server ODBC	2000.x, 6.01.x (Windows only)
MySQL ODBC	5.01.x (Windows only)
Oracle native (via Oracle Call Interface (OCI))	10.x,11.x

Databases
Sybase IQ InfoPrimer Server supports repository, source, and destination databases.

Database	Repository	Source	Destination	Stage
Sybase Adaptive Server® Enterprise 15.0.3 and 15.5 ESD #1	No	Yes	No	Yes
Sybase SQL Anywhere Server 11.0.1 **Note:** Sybase recommends that you use SQL Anywhere 11.0 as an IQ InfoPrimer repository.	Yes	Yes	No	Yes
Sybase IQ 15.3	No	Yes	Yes	Yes
IBM DB2 UDB 9.1 and 9.7	No	Yes	No	No

Database	Repository	Source	Destination	Stage
Microsoft SQL Server 2005 SP2 and 2008 R2	No	Yes	No	No
MySQL 5.1	No	Yes	No	No
Oracle 10g and 11g	No	Yes	No	No

Note: See the documentation for your database for information about supported platforms.

Compatible Products

Sybase IQ InfoPrimer is compatible with some versions of other Sybase products.

Product	Version
Replication Server®	15.5 or later
Open Client/Server™	15.5 or later
Replication Agent™	15.5 or later
Replication Agent for Oracle	15.5
Sybase IQ	15.3
Sybase Software Asset Management (SySAM)	2.2.0.5

Note: The Change Data Capture (CDC) Provider Sybase Replication Server component is not supported for Replication Server 15.6 or Replication Agent for Oracle 15.6 when the data source is Oracle.

For product certifications, go to *http://certification.sybase.com/ucr/search.do*.

Changed Functionality

The Sybase IQ InfoPrimer New Features Summary contains descriptions of the new and changed functionality in Sybase IQ InfoPrimer 15.3.

Installation and Upgrade

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

For detailed information about installing and upgrading, see the *Sybase IQ InfoPrimer Installation Guide*.

Special Installation Instructions

Before installing this version of Sybase IQ InfoPrimer, read the latest special installation instructions.

SQL Anywhere Requirements and Support

SQL Anywhere is the only supported repository in Sybase IQ InfoPrimer, and SQL Anywhere 11 is the recommended version. If you are using any other repository from an earlier version, migrate your existing repository to SQL Anywhere 11.

Note: SQL Anywhere 11 is not supported for Linux 64-bit PowerPC and Power Architecture processors (PPC64).

Recommended Installation Directory

If you install Sybase IQ InfoPrimer in a directory in which other Sybase products are already installed, such as the default `Sybase` directory, you may have difficulty uninstalling Sybase IQ InfoPrimer. Sybase recommends that you install Sybase IQ InfoPrimer into its own directory.

Sub-capacity Licensing

Sybase now offers sub-capacity licensing, which lets you license Sybase products on a subset of the CPUs available on a physical machine.

Platform Support

Table 1. SySAM Virtualization Sub-capacity Compatibility

Vendor	Product	Platform Support	Virtualization Type
HP	nPar	HP IA 11.31	Physical partition
	vPar		Virtual partition
	Integrity Virtual Machines with Resource Manager		Virtual machine
	Secure Resource Partitions		OS containers
IBM	LPAR	AIX 6.1	Virtual partition

Vendor	Product	Platform Support	Virtualization Type
	dLPAR		Virtual partition
Sun	Dynamic System Domains	Solaris 10	Physical partition
	Solaris Containers/Zones with Solaris Resource Manager		OS partition
Intel, AMD	VMWare ESX Server* Guest OS: Windows	VMWare ESX 3.5, Guest OS: Windows 2003, RH 5.3, SuSe 10	Virtual machine
	VMWare ESX Server Guest OS: Linux	VMWare ESX 3.5, Guest OS: Windows 2003, RH 5.3, SuSe 10	Virtual machine
	Xen,** DomainU: Windows	Windows 2003	Virtual machine
	Xen, DomainU: Linux	RH 5.3, SuSe 10	Virtual machine

* VMWare ESX Server excludes Sun Solaris x64, VMWare Workstation, and VMWare Server.

** Xen excludes Sun Solaris x64.

Enabling Sybase Sub-capacity Licensing
You must have a sub-capacity licensing agreement with Sybase before you can enable sub-capacity licensing. As with other Sybase licenses, you must generate a license key. For specific steps, see the *SySAM Quick Start Guide*.

Note: Keep your license server up-to-date.

Although the installation media include a copy of the most recent SySAM license server, Sybase recommends that you periodically check for license server updates on the SySAM Standalone License Servers Web site at *http://www.sybase.com/sysam/server*.

Known Issues

There are known issues for Sybase IQ InfoPrimer that require workarounds, when available.

Find issues by Change Request (CR) number.

Note: You can search the Sybase Web site for solved cases. Choose **Support > Solved Cases** or go to *http://search.sybase.com/search/simple.do?mode=sc*. You need a MySybase account to view solved cases in the archive.

Known Issues for IQ InfoPrimer Server

There are known issues with Sybase IQ InfoPrimer Server that require workarounds, when available.

Table 2. Sybase IQ InfoPrimer Server Issues

CR#	Description

640129	**SySAM reports incorrect number of licenses obtained when insufficient licenses are available.**
	
	For example, if Sybase IQ InfoPrimer Server requires 4 licenses but has obtained only 2, the error message is:
	
	`Insufficient SY_INFOPRIMER_SERVER licenses. Sybase IQ InfoPrimer Server`
	`requires 4 SY_INFOPRIMER_SERVER licenses but only 4 could be obtained. Check whether`
	`additional licenses are available at the Sybase Product Download Center.`
	
	Workaround: To determine the actual number of licenses available, execute:
	
	`sysam status -a`

608941	**Grid engine fails on UNIX or Linux machine when LANG variable set to ja.**
	
	`ERROR : 1100: The detected locale character set 'US-ASCII' is incorrect`
	`or invalid. Configure the character set in the configuration file.`
	
	Workaround: Add this line to the [Language] section of `Grid-Node.ini`:
	
	`Charset=eucJP`

586690	**Incremental loading fails if bulk copy and dynamic SQL options are enabled in Replication Server.** **Workaround**: Set the bulk copy and dynamic SQL options to "off" in Replication Server.

CR#	Description
585915	**Port structure displays incorrect column length.** The column length that appears for the port structure in the Size column of the Port Structure Viewer does not match the value defined in the SQL statement used to generate the table. **Workaround**: None.
585799	**Application stops responding when named pipes are used on UNIX.** If Sybase IQ InfoPrimer Server is running on UNIX and you use named pipes to load data to IQ, you may encounter an error that causes the application to stop responding. **Workaround**: Terminate the process, restart the application, and load data from a file instead of through a named pipe. Sybase IQ InfoPrimer Server does not support the use of named pipes on UNIX.
585784	**SQL Anywhere 11 installation fails on Solaris 10.** **Workaround**: In the PATH variable, include `/bin` before `/usr/ucb/bin`.
585059	**No table name verification.** If you do not provide a new table name in the "schema.name" format and a table with that name already exists, errors occur when you attempt to create the table. **Workaround**: Specify the new table name in the "schema.name" format. For example: `dbo.table1`.
584982	**Scheduled task not repeated after restart.** If you restart IQ InfoPrimer Development or IQ InfoPrimer Server, the Repeat Task option specified for a schedule is ignored; the task is not repeated at the specified time. **Workaround**: Create individual scheduled tasks for each repeat schedule.
584555	**Replication is not dropped successfully in Replication Server.** When you manually drop replication, the replication state changes to "Dropped." However, sometimes replication may not actually be dropped in Replication Server. **Workaround**: Manually drop replication again: 1. Right-click the **CDC (Change Data Capture) Provider Sybase Replication Server** component. 2. Select **Drop Replication**.

CR#	Description
584083	**Alert e-mail notification does not display the total number of rows processed.** If you have included the [ProcessRows] Event Property in your alert e-mail definition, the total number of rows that were processed is evaluated, instead of the total number of rows that were loaded into the destination tables. See "Configuring alerts for runtime events," in *Sybase IQ Info-Primer 15.3 Users Guide > About Sybase IQ InfoPrimer > Alerts*. **Workaround**: None.
581741	**SQL statements with IQ temporary options are not executed when ODBC is used to connect to IQ.** **Workaround**: Use the Sybase interface to connect to IQ.
576388	**IQ InfoPrimer Server fails to restart if svc.conf file is not saved in UTF-8 format.** Sybase IQ InfoPrimer Server fails to start if `svc.conf` file in the `etc` subdirectory is updated and saved in a non UTF-8 encoding format. **Workaround**: Use a text editor to open the `svc.conf` file and change the file format to UTF-8 encoding.
575450	**Tables not returned with Adaptive Server Enterprise source and ODBC interface.** If you are using Adaptive Server Enterprise as the source database and ODBC as the interface for connectivity, not all the tables created in the database are always returned. This issue is related to the user role. If you create tables without the **sa_role**, but later grant it, tables that were created before the **sa_role** was granted do not appear when you request for the list of tables. **Workaround**: • Grant access to the users for all tables. Use the ODBC interface to request the tables. • Alternatively, specify the interface as Sybase and request the list of tables. After selecting the tables you need, change the interface back to ODBC.

CR#	Description
563581	**Creating a repository connection to SQL Anywhere 11 database using OCS may fail.**
	If you are using the latest EBF of the SQL Anywhere 11 database and you try to create a repository connection to this database using OCS connectivity, you may encounter errors.
	Workaround: Install the version of SQL Anywhere 11 that is packaged with Sybase IQ InfoPrimer or access SQL Anywhere 11 with ODBC connectivity.
560347	**On Windows 2008, the message that appears after a project prints successfully as XML displays an incorrect file path.**
	Workaround: Go to the `reports` folder in the installation directory and manually open the file to view.
559206	**Sybase IQ InfoPrimer Server fails to start on Sun Solaris.**
	Sybase IQ InfoPrimer Server fails to start on Sun Solaris if you select **Install for all users** during installation, and you have not set the HOME directory.
	Workaround: Set the HOME directory variable to your correct home directory or a directory on which you have write permission.
557213	**SySAM license expiration warning only in English.**
	On all UNIX platforms, except HP-UX, the Sybase Software Asset Management System (SySAM) license expiration warning message appears only in English, regardless of the language selected during installation.
	Workaround: None.
556856	**Project execution may fail on certain HP-UX 11v23 machines.**
	Workaround: Download and install these patches:
	`PHCO_34974 s700_800 11.23` – **cumulative SAM** patch `PHNE_33283 s700_800 11.23` – **nettl(1M)**, **netfmt(1M)**, and **nettladm(1M)** patch `PHNE_34150 s700_800 11.23` – **r**-commands cumulative mega patch `PHNE_35770 s700_800 11.23` – **telnet kernel**, **telnetd(1M)**, **telnet(1)** patch `PHNE_34698 s700_800 11.23` – **ftpd(1M)** and **ftp(1)** patch

CR#	Description
556653	**getaddrinfo function limitation on Solaris.**
	Sybase IQ InfoPrimer Server displays error messages while using **getaddrinfo** function on Solaris machine.
	Workaround: Download and install the `#solaris_10u5(s10u5_07)` patch on your machine.
555171	**System error in JavaScript editor while debugging large scripts.**
	The default maximum size of the JavaScript engine runtime is 20000000 bytes, or 19.07MB. When debugging large scripts or long-running scripts such as a script with many loop iterations, you may encounter a memory issue.
	Workaround: In the `Default.ini` file, configure the maximum memory size for the JavaScript engine:
	• Navigate to the `etc` directory of the installation folder and use a text editor to open the `Default.ini` file.
	• In the [Scripting] section, add:
	```Runtime Memory = <a new number for memory in bytes>```
555170	**Monitoring loader components.**
	If you use a Web browser to monitor projects that include the IQ Loader File via Load Table and IQ Loader DB via Insert Location components of an ETL project, you may not be able to view the execution progress status.
	Workaround: None.
553669	**Unable to monitor projects started from command line.**
	Web-based remote monitoring fails to monitor the execution of projects started from the command line. In Sybase IQ InfoPrimer, you can only monitor jobs started from the command line.
	Workaround: Create a simple job and include the project in it that you want to monitor.
551068	**Sybase IQ InfoPrimer cannot be installed in the same directory as Sybase IQ.**
	Installation fails when Sybase IQ InfoPrimer and Sybase IQ are installed in the same directory. Since Sybase IQ creates an "uninstall" directory during installation, and Sybase IQ InfoPrimer also creates a file with the same name, installation fails with an error message.
	Workaround: Do not install Sybase IQ InfoPrimer in the same directory as Sybase IQ.

CR#	Description
540023	**Use server name caching to connect to a specific Sybase IQ server.** Sybase IQ InfoPrimer may not connect to a specific Sybase IQ server using ODBC if there are multiple Sybase IQ servers with the same server name, database name, and port number. **Workaround**: Use server name caching to connect to the target Sybase IQ server. Add the **DoBroadcast=DIRECT** communication parameter to the **CommLinks** connection parameter in the odbc.ini file in your IQ InfoPrimer Server: `CommLinks=tcpip(DoBroadCast=DIRECT;host=iq serv-er;port=2638)` See *Sybase IQ 12.7 System Administration Guide > Chapter 3, "Sybase IQ Connections" > Server name caching for faster connections.*
539896	**Sybase IQ InfoPrimer Server stops responding if there is insufficient temp space in Sybase IQ.** Sybase IQ InfoPrimer Server may stop responding if there is insufficient temporary space on the source Sybase IQ database server when transferring a large amount of data from Sybase IQ. **Workaround**: Increase the temporary space for the Sybase IQ server to a minimum of 1GB.
496226	**Exceeding connection limit locks connections to Sybase IQ.** When multiple connections from Sybase IQ InfoPrimer to Sybase IQ remain open after projects and jobs execute, connections to Sybase IQ can lock when open connections exceed the Sybase IQ connection limit. Users receive error messages that Sybase IQ InfoPrimer cannot retrieve column descriptions, Sybase IQ InfoPrimer has exceeded the database connection limit, and Sybase IQ InfoPrimer cannot connect to Sybase IQ. **Workaround**: Increase the connection limit in Sybase IQ. See *Sybase IQ 12.7 System Administration Guide > Chapter 12, "Managing User IDs and Permissions" > "Managing IQ user accounts and connections".*

CR#	Description
454526	**Special characters in the installation path of Sybase IQ InfoPrimer Development or Server may lead to problems in accessing databases.**
	For example, connecting to an Oracle database client returns the following error when Sybase IQ InfoPrimer Server is installed in a path containing parentheses, such as `C:\Program Files (x86)\Sybase`:
	`ORA-12154: TNS:could not resolve the connectidentifier specified`
	Workaround: Sybase recommends that you select installation paths that contain only alphanumeric characters. To avoid parentheses issues, remove "(x86)," which is added by the Windows 2003 EE 64-bit operating system, from the default target directory during installation.

Known Issues for Sybase IQ InfoPrimer Development

There are known issues for Sybase IQ InfoPrimer Development that require workarounds, when available.

Table 3. Sybase IQ InfoPrimer Development Issues

CR#	Description
664781	**SQL error reported for successful execution.** After a project or job executes successfully, Sybase IQ InfoPrimer may report an error similar to: ``` SQL error: SQL error: SQL logic error or missing database ERROR : SQL error: SQL error: SQL logic error or missing database The SQL statement executed was: INSERT INTO job_history(timestamp, execid, data) values(:?, :?, :?) ERROR : 1100: SQL error: SQL error: SQL logic er- ror or missing database ``` This error occurs when Sybase IQ InfoPrimer does not have permission to read from and write to the `job_log.db3` file in the `database` folder of the installation directory. **Note:** For Windows Server 2008 and Windows Vista, `job_log.db3` is in `C:\Users\<login user>\AppData\Roaming\SYB-ASE\Sybase IQ InfoPrimer Development\<prod-uct version>\database`, where *<login userid>* is the user ID used during installation. **Workaround**: Grant permission for Sybase IQ InfoPrimer to read from and write to the `job_log.db3` file.
648941	**Save keyboard shortcut fails to save project changes.** Sybase IQ InfoPrimer Development may fail to save your project changes if you use the **Ctrl+S** keyboard shortcut, even though an information dialog reports "Successfully saved the changes." **Workaround**: Click the **Save Project** icon below the menu bar to save your project.

CR#	Description
588669	**Replication Server does not recognize the interfaces name.**
	If the SYBETL_VIR_RDBMS entry in the interfaces files for the source database, Replication Server, and Sybase IQ InfoPrimer Server, includes more than 20 lines, Replication Server does not recognize the interface name.
	Workaround: Make sure that the SYBETL_VIR_RDBMS entry in the interface file contains fewer than 20 lines.

CR#	Description
588134	**Demo database points to the datasource of the old repository.**
	If you have previously installed ETL Development, and you uninstall it to install Sybase IQ InfoPrimer Development for all users, when any user other than the one who installed it tries to connect to the repository, the demo database connects to the datasource of the ETL Development repository.
	Workaround:
	• If the previously installed ETL Development was installed for all users, before upgrading, log in as each user and use the ODBC Data Source Administrator to delete the DEMO_Repository, ETLDEMO_DWH, ETLDEMO_GER, and ETLDEMO_US datasources. If you do not plan to uninstall ETL Development, you may want to rename the datasources instead of deleting them. For example: *<old name_version number>*.
	See *Sybase IQ InfoPrimer Installation Guide > Upgrading Sybase ETL to Sybase IQ InfoPrimer*.
	• If you have already installed Sybase IQ InfoPrimer Development without renaming or deleting the old datasources, manually delete the old datasources. Follow the steps described in *Sybase IQ InfoPrimer Installation Guide > Postinstallation Tasks > Restoring ODBC Datasources*.
	Note: Make sure that you specify the database files in the user data location, not in the installation location.
	If you encounter errors when trying to delete the old datasources, you can overwrite the entries for each user, as follows:
	• Save a copy of the `userdata.conf` file located in the `etc` folder of the installation directory.
	• Edit the `userdata.conf` file to replace all occurrences of "once" with "always" in the ODBC section.
	• For each user:
	1. Log in to the machine, start Sybase IQ InfoPrimer Development, and then shut down the application.
	2. Verify that the ODBC Data Source entries use SQL Anywhere 11 and point to the appropriate database files in your user data directory.
	After all users have logged in to Sybase IQ InfoPrimer Development, you can restore the original `userdata.conf` file.
	See *Sybase IQ InfoPrimer Installation Guide > Postinstallation Tasks > Checking the Sybase IQ InfoPrimer Development Installation*.

CR#	Description
587862	**Errors encountered if interface used for connecting to IQ is changed.**
	If you change the interface used for connecting to the Sybase IQ database, an error may occur, and the component may fail to connect to IQ.
	Workaround: Restart the grid engine after changing the interface.
587639	**Upsert function is processed even when truncate is selected.**
	In spite of the Truncate option being selected, the target tables do not get cleared before the Pre-processing SQL code executes. Thus, the Upsert or Delete function is processed on a non-empty table, leading to errors.
	Workaround: To clear and repopulate target table before processing Upsert or Delete functions, make sure Truncate is unselected, and perform clearing of the table in pre-SQL script.
582762	**Connection to Sybase IQ in Sybase Central fails if Sybase IQ Info-Primer Development is uninstalled.**
	If Sybase IQ 15.3 and Sybase IQ InfoPrimer are installed on the same Windows machine and you uninstall Sybase IQ InfoPrimer Development, you cannot then use Sybase Central™ to connect to the IQ demo database.
	Workaround: In a DOS window, register the `dbodbc11.dll` driver file from the IQ InfoPrimer Server or IQ installation:
	`regsvr32 %SYBASE%\IQIPS-15_3\dbodbc11.dll`
	Or,
	`regsvr32 %SYBASE%\IQ-15_3\bin32\dbodbc11.dll`
560953	**Multiplex execution fails on Linux and UNIX machines that do not have ODBC drivers installed.**
	Project execution fails if you select the "Use IQ Multiplex" option on a UNIX or Linux machine that does not have SQL Anywhere 11 or Sybase IQ 15 ODBC drivers installed.
	Workaround: Use the SQL Anywhere 11 ODBC drivers installed with Sybase IQ InfoPrimer.

CR#	Description
549882	**Error messages display when you migrate tables with large number of columns.**
	If you migrate wide tables using the Migration wizard, you may see this error message at the end of the migration process:
| | ```
An error occurred during execution of the engine.
Commit Failed: Client Library Message: severi-
ty(0)
layer(1) origin(1) number(50) Text:
ct_cmd_drop(): user
api layer: external error: The connection has been
marked dead.

Cannot execute the last command.

Please refer to the Message section.

The migration failed due to the previous error.
Unable to open the generated job.
``` |
	Despite the error message, the table is successfully migrated to the target database, and you can manually open the generated job to transform the data.
	Workaround: This error displays if you are using the Sybase interface to connect to the source database and if the OCS version being used is 15.0 ESD #13 or later. To prevent this error:
	• Use the ODBC interface to connect to the source database. • If you are using Sybase interface to connect to the source database, use OCS version 15.0 ESD #7.
546658	**Project reports printed as XML fail to open in Windows Vista.**
	On Windows Vista Business 32-bit, Sybase IQ InfoPrimer may generate errors when displaying project reports that are generated using XML output.
	Workaround: Install Service Pack 1 on Windows Vista.
531483	**The uSetLocale JavaScript function works only on Windows platforms.**
	The **uSetLocale** javascript function only works on Windows platforms. On UNIX platforms, setting **uSetLocale** to any language will still display output in English for **uMonthName**, **uMonthNameShort**, **uWeekdayName**, and **uWeekdayNameShort**.
	Workaround: None.

CR#	Description
496346	**Table and column names cannot be database keywords in Migration wizard.** In the Migration wizard, you cannot use the "variable" database keyword as the name of a table or column. **Workaround**: None.

Known Issues for Extract and Load Projects

There are known issues for Extract and Load projects that require workarounds, when available.

Table 4. Extract and Load Project Issues

CR#	Description
667243	**Oracle large object data loads incorrectly using Oracle 10g Client for Oracle 11g Server.** Oracle 11g CLOB and NCLOB data may not load correctly if the connect descriptor used to read the LOB data is from an Oracle 10g Client installation. **Workaround**: To load Oracle 11g CLOB and NCLOB data, use a connect descriptor from an Oracle 11g Client installation.
665615	**Multiple writers cannot be used at target IQ for a restartable EL project.** Setting the restartable property for an EL project disables the use of multiple writers in a target IQ multiplex environment. The use of multiple writers is only permitted when the EL project is not restartable. **Workaround**: None.
664564	**Read from IQ source fails for large objects larger than 2GB.** IQ fails to read large objects larger than 2GB and returns an error similar to: `Query returns long binary data > 2GB. Use series of substring64()` **Workaround**: Keep the size of source LOBs under 2GB.

CR#	Description
656196	**Remote server information not retrieved from target IQ database.** Sybase IQ InfoPrimer Development may not retrieve information about remote servers defined in a destination IQ database when an Insert Location interface is specified for an Extract and Load project. If this happens, no database names or schema names from remote servers defined in the target IQ database are displayed in the **Database** or **Schema** drop-downs of the **Source** tab for the project, and no source table names are displayed in the **Tables** tab. **Workaround**: Manually enter the database and schema names in the **Source** tab.
646595, 646443	**Extract and Load project fails with remote Microsoft SQL Server or IBM DB2 Source.** An Extract and Load project may fail to execute and load data into destination tables if you select INSERT LOCATION as the interface and Microsoft SQL Server 2008 or IBM DB2 as the source database. **Workaround**: Test the SQL for the INSERT LOCATION first on IQ server. If the SQL works for IQ server, it should work in an Extract and Load project.

Known Issues for ETL Projects

There are known issues for ETL projects that require workarounds, when available.

Table 5. ETL Project Issues

CR#	Description
643098	**No records loaded during DB Staging simulation.** Data fails to load successfully if you open the Database Configuration window for the DB Staging component during the simulation process. **Workaround**: None.

CR#	Description
593295	**CDC Provider Replication Server component fails if SYBASE_OCS points to incorrect Open Client/Open Server installation on Windows.**
	If Sybase IQ InfoPrimer has been installed on a Windows machine that already has a Sybase server installed, and the SYBASE_OCS environment variable points to the Open Client/Open Server installation for the preexisting server, the CDC Provider Replication Server Component may fail:
	`INFO: Rep CDC server instance is ready`
	`ERROR: Unresolved symbol 327: srv_version`
	Workaround: Set SYBASE and PATH to the location of your IQ Info-Primer Open Client/Open Server installation:
	`set SYBASE=<iqip_install>\ocs\OCS-15_0`
	`set SYBASE_OCS=OCS-15_0`

	`set PATH=<iqip_install>\ocs`
	`\OCS-15_0\bin;<iqip_install>\ocs`
	`\OCS-15_0\dll;`
	`<iqip_install>\ocs\OCS-15_0\lib;%PATH%`

	where *<iqip_install>* is your Sybase IQ InfoPrimer installation.
590001	**Structure Viewer does not display datatype for the XML Via SQL Data Provider component.**
	When you right-click the OUT-port of the XML via SQL Data Provider component to view its structure, the Data Type field in the Structure Viewer appears empty. This prevents subsequent components with an editable structure from getting the correct port structure.
	Workaround: Manually assign the port structure for subsequent components.
589603	**Oracle data changes are received even if commit time is later than project or job start time.**
	If the primary database is Oracle, the CDC Provider Sybase Replication Server component receives data changes even if the commit time is later than the job or project start time.
	Workaround: Do not write to the primary database during project execution.

CR#	Description
587092	**Error encountered using DB Data Provider Full Load with schema option.** The schema of the DB Data Provide Full Load component does not support the "automatically add missing schema information" option. You may encounter an error message when a project with the DB Data Provide Full Load component is executed. **Workaround**: Specify the schema in your query statement.
586711	**Text Data Provider cannot correctly read quote character and delimiters.** If you specify a quote character for the Text Data Provider component and the first character of the value is the same as the specified quote character, data is read incorrectly. **Workaround**: None.
585575	**CDC Provider Replication Server component fails if grid engines are in multiple subnets.** The CDC Provider Replication Server component may not work if the grid engines are running in more than one subnet, or if the subnet is unstable. **Workaround**: All grid engines that start the Replication CDC Service must be in the same subnet.
584015	**Error connecting to the CDC Provider Replication Server component.** Replication Server throws a connection error while connecting to the ETL CDC Provider Replication Server component, if you have not properly configured Replication Server, the interfaces file, and the Open Client/ Server (OCS) library. Although replication is created successfully, an error results when the project is executed. Additionally, you cannot drop replication. **Workaround**: Verify that: • The interfaces file of Replication Server and Sybase IQ InfoPrimer Server are configured correctly. See the *Sybase IQ InfoPrimer Users Guide*. • All grid engines that start the Replication CDC Service are in the same subnet. • The primary database has already been added to Replication Server. • The grid engine name and the Replication CDC Service names are unique. To check, run: ``` GridNode --repcdcinstancename <my rep cdc instance name> --nodename <my node name> ```

CR#	Description
581370	**Selecting the delete function displays inconsistent result.** If you have selected the Delete function for the DB Bulk Load Sybase IQ component, the results that appear during simulation and execution may not be consistent. **Workaround**: None.
580679	**Wait time ignored by projects before acquiring an exclusive lock.** For DB Data Sink, DB Staging, Loader, and DB Bulk Load Sybase IQ components, if you select the "IQ Lock Table in Exclusive Mode" option and specify the maximum blocking time that the project should wait before acquiring a lock, the project attempts to acquire the lock without waiting, and fails if the lock is acquired by another project. **Workaround**: Serialize project execution in a job.
577621	**DB Staging component cannot bulk load large amount of data.** The DB Staging component fails to bulk-load large amounts of data to a Sybase IQ 15.0 database with the ODBC interface. Sybase QI InfoPrimer Server generates this error message: `std::bad_alloc` **Workaround**: Use a small write block size for bulk-loading data.
575891	**INSERT operation does not work when the Upsert function is processed.** For the DB Bulk Load Sybase IQ component, when the Upsert function is processed, the DELETE operation succeeds, but the INSERT operation fails because of a datatype conversion error in one of the columns being inserted. If you select "Execute post-processing for successful execution" to commit the transaction, the unsuccessful INSERT operation is not committed. The original row that was supposed to have been updated is deleted from the table. **Workaround**: Select "Execute post-processing for failed execution" to roll back the DELETE operation and to reset the table to its original state.
572569	**Square bracket notation (SBN) evaluated incorrectly if Evaluate option not enabled during project execution.** **Workaround**: Select the Evaluate option and save your project to allow expressions within component property values.
566615	**DB Staging component fails to connect to Sybase IQ database with ODBC interface when the source data is large.** **Workaround**: Set the **Force_No_Scroll_Cursors** option to off in your Sybase IQ 15.0 database. See the *Sybase IQ Reference Manual*.

CR#	Description
564099	**Insert Location component does not support preprocessing SQL.** The Source Pre Processing SQL property of the IQ Loader DB via Insert Location component is ignored if "Use remote server definition for source database" is enabled. **Workaround**: None.
560814	**DB Bulk Load Sybase IQ component cannot load data on SuSE machines.** On SuSE, the DB Bulk Load Sybase IQ component fails to load data if the ODBC environment is not properly configured. When the project executes, Sybase IQ InfoPrimer Server exits unexpectedly without any error message. **Workaround**: 1. Install the SQL Anywhere 11 or Sybase IQ 15 ODBC drivers. 2. Add ODBC to the LD_LIBRARY_PATH environment variable. 3. Link `libodbc.so` to `libdbodbc11.so` in the `ASA11/IQ15` installation directory. 4. Restart Sybase IQ InfoPrimer Server.
560036	**Using multiple writers with IQ Loader DB via Insert Location component.** To use multiple writers, you must have execute permission on the **sp_iqtable** and **sp_iqcolumn** stored procedure privileges in the target IQ database, as well as the appropriate permissions on **create table** and **execute sp_iqstatistics**. **Workaround**: Set the required permission using Sybase Central: 1. In Sybase Central, connect to the Sybase IQ 15.3 server as a DBA user or as a member of **dbo** role. 2. Expand Users & Groups, then select the user or group for whom you want to set the permission. 3. Right-click the user or group and select **Properties**. 4. Select the **Permissions** tab, then select **Procedures & Functions** to see a list of all the available permissions. 5. Select **sp_iqtable** and **sp_iqcolumn**, then click the corresponding **Execute** column to grant the user permission to execute the stored procedure in the IQ database. 6. Click **OK** to save the settings.

CR#	Description
556364	**Cannot execute projects if database value is specified.** If you enable the "Use IQ Multiplex" option in the DB Bulk Load Sybase IQ, IQ Loader File via Load Tables, and IQ Loader DB via Insert Location components, to select writers in an IQ multiplex environment, specifying a database in the "Database" property field may display an error during project execution. **Workaround**: Do not specify a database in the "Database" property field when "Use IQ Multiplex" option is selected.
549539	**Using named pipes on Windows Vista.** On Windows Vista, you cannot specify a pipe name for the Load Stage property of the DB Bulk Load IQ component. **Workaround**: Change the firewall setting on the Vista machine. 1. Go to **Start > Control Panel > Security Center > Windows Firewall**. 2. Click the Exceptions tab. 3. Under Programs and Services, select the File and Printer Sharing checkbox and then click OK.
549397	**File names with multibyte characters cannot be loaded using DB Bulk Load Sybase IQ component.** The DB Bulk Load Sybase IQ component fails to load data from Sybase IQ InfoPrimer generated files with multibyte characters in the name. You see this error message: `Could not execute statement. Right truncation of string data.` **Workaround**: Do not use multibyte characters as the Load Stage file name for the DB Bulk Load Sybase IQ component if your target database is Sybase IQ 15.3.
540626	**Text Data Provider fails if "Skip First Rows=0" for FTP source.** The Text Data Provider component does not transfer data if you keep the default value of 0 (zero) in the Skip First Rows field when you enter a FTP URL as the text source for the component. **Workaround**: Enter 1 in the Skip First Rows field, save the configuration, change the value for Skip First Rows to 0, and save the configuration again.

CR#	Description
536684	**Insert Location project fails if network packet size setting is incorrect.**
	Projects that use Adaptive Server as the source and that contain the IQ Loader DB via Insert Location component fail if the network packet size for the component is larger than or equal to the maximum network packet size of the Adaptive Server.
	Workaround: Before you execute the project:
	1. Connect to the Adaptive Server and execute **sp_configure 'max network packet size'** to display the maximum network packet size Run Value for your Adaptive Server.
	2. In Sybase IQ InfoPrimer, enter a packet size for IQ Loader DB via Insert Location that is less than or equal to the Adaptive Server maximum network packet size Run Value obtained in step 1.
	For example, if your Adaptive Server maximum network packet size Run Value is 2048 bytes, your packet size for the IQ Loader DB via Insert Location component must be less than to equal to 4 as 4 translates to a Adaptive Server Run Value of 4*512=2048 bytes.
536482	**Insert Location component does not support encrypted passwords.**
	Sybase IQ InfoPrimer 15.3 does not support the Encrypted Password option in the IQ Loader DB via Insert Location component connection information if the source database is Sybase IQ 12.7 or Sybase IQ 15.x.
	Workaround: None.
493550	**Extra characters truncated from column length of source table.**
	If the column length of a source table is more than the column length of a target table, Sybase IQ InfoPrimer truncates the extra characters without any warning. This occurs only if you use Adaptive Server as the stage database in a Staging component, using Sybase interface.
	Workaround: When transferring data, make sure the column length of the target table is equal to or more than the column length of the source table.
492443	**Splitter components cannot inherit port structure.**
	The Data Splitter JavaScript and Copy Splitter components do not inherit the structure of the existing ports when they are reassigned.
	Workaround: Select the port and assign the structure.

CR#	Description

447948	**Improving performance in accessing Sybase IQ.**
	
	Using components such as DB Staging, DB Data Sink Insert, DB Data Sink Update, or DB Data Sink Delete to access Sybase IQ can degrade performance.
	
	Workaround: To improve performance, you can do one of the following:
	
	• Use the IQ Loader File via Load Table and IQ Loader DB via Insert Location loader components to speed up loading into Sybase IQ.
	• Use Adaptive Server Enterprise, Adaptive Server Anywhere, or Microsoft Access instead of Sybase IQ for the staging portion of your project.
	• If you still want to use Sybase IQ for staging, split the project into new staging and loading projects. Use DB Bulk Load Sybase IQ instead of DB Staging in the new staging project and use IQ Loader File via Load Table and IQ Loader DB via Insert Location to speed up loading into Sybase IQ in the new loading project.
	• Use IQ Loader File via Load Table component for loading binary data that are extracted from Sybase IQ. You must create a custom script to do the binary extract from a Sybase IQ table, using **isql** utility:
	
	  • Extract Data on Source IQ system
	
	```\nset TEMPORARY OPTION Temp_Extract_Name1='C:\n\myfolder\mybinfile.bin';\n```
	
	```\nset TEMPORARY OPTION Temp_Extract_Bina-\nry='ON';\n```
	
	```\nSELECT * FROM mytable\n```
	  • Create a custom load script in IQ Loader File via Load Table component by setting a dummy file name in the Text Source property window.
	
	```\nLOAD TABLE mytable\n{\n[myCol1] BINARY WITH NULL BYTE,\n [myCol2] BINARY WITH NULL BYTE,\n [myCol3] BINARY WITH NULL BYTE\n)\nFROM '<path&filename on destination system>'\nQUOTES OFF\nESCAPES OFF\nFORMAT binary\n```
	See Chapter 7, "Moving Data In and Out of Databases" of the *Sybase IQ 12.7 System Administration Guide*.

CR#	Description
447096, 447097	**Recommended settings for IQ database options.**
	The IQ database option FORCE_NO_SCROLL_CURSORS should be at the default setting (OFF) or a fetch error may occur while moving data with Sybase IQ InfoPrimer.
	To adjust database option settings, use the **SET OPTION** command in **dbisql** or, in Sybase Central, right-click the database, and select **Set Options**.

Known Issues for SQL Transformation Projects

There are known issues for SQL Transformation projects that require workarounds, when available.

Table 6. SQL Transformation Project Issues

CR#	Description
667592	**Dots unsupported for EL project queries.**
	The Query Designer does not support the use of dots in schema, user, table, or column names.
	Workaround: None.
667298	**Dots in table and attribute names result in invalid SQL.**
	The Generic SQL task component does not support table and attribute names containing dots.
	Workaround: If your task references a table or attribute name containing a dot, use the Custom SQL task component.
666955	**Deletes resulting from multiple table joins may result in invalid SQL.**
	Invalid SQL code may be generated for a DELETE operation that uses join operations, especially if a table is joined with itself (a self-join), in which case a correlation name is required to distinguish the roles in which that table is used. If Sybase IQ InfoPrimer does not create a correlation name in the generated SQL, the DELETE operation fails.
	Workaround: Before running a DELETE operation, first insert the results of the joins into a temporary table. Use the temporary table to run the DELETE operation against the target table.

CR#	Description
| **666734** | **Wrong query generated for joins of three or more tables and columns.**<br><br>Sybase IQ InfoPrimer generates the wrong query for joins of three or more tables and multiple columns. For example, for this query:<br><br>```
SELECT table1.column1,
table2.column2, table3.column3
FROM (
table1 INNER JOIN table2 ON
(table1.column1=table2.column1 AND table1.col-
umn2=table2.column2)
INNER JOIN table3 ON
(table2.column3=table3.column3)
)
```<br><br>Sybase IQ InfoPrimer instead generates:<br><br>```
SELECT table1.column1,
table2.column2, table3.column3
FROM (
table1 INNER JOIN table2 ON
(table1.column1=table2.column1)
INNER JOIN table3 ON
(table2.column3=table3.column3)
INNER JOIN table1 ON
(table2.column2=table1.column2)
)
```<br><br>**Workaround**: Manually correct the generated query. |
| **658990** | **Sybase IQ InfoPrimer generates invalid SQL code for an UPSERT transformation using two or more tables joined in the source query.**

Workaround: Manually edit the UPSERT transformation SQL, dividing it into a DELETE operation on the target table followed by an INSERT operation. |

Known Issues for Internationalization

There are known internationalization issues that require workarounds, when available.

Table 7. Internationalization Issues

CR#	Description

658210	**Multiple-writer functionality fails for IQ servers with Chinese or Japanese locales.**
	
	To use multiple writers, Sybase IQ InfoPrimer must have execute permission for the IQ server **sp_iqstatistics** stored procedure. For IQ servers that are set up for Chinese and Japanese locales, running **sp_iqstatus** returns an error similar to:
	
	``
	Could not execute statement.
	Syntax error near '2010' on line 1
	SQLCODE=-131, ODBC 3 State="42000"
	Line 1, column 1
	``
	
	Workaround for Linux or UNIX:
	
	1. Remove the resource files.
	   To remove the Chinese resource files, enter:
	   ``
	   %> cd $IQDIR15/res
	   %> rm dblgzh_iq11_eucgb.res
	   %> rm dblgzh_iq11_cp936.res
	   ``
	   To remove the Japanese resource files, enter:
	   ``
	   %> cd $IQDIR15/res
	   %> rm dblgja_iq11_eucjis.res
	   %> rm dblgja_iq11_sjis.res
	   ``
	2. Restart the IQ server.
	
	Workaround for Windows:
	
	1. Stop the IQ server.
	2. For Chinese locales, remove `dblgzh_iq11.dll` from `%IQDIR15%\bin32` (for 32-bit installations) or `%IQDIR15%\bin64` (for 64-bit installations).
	   For Japanese locales, remove `dblgja_iq11.dll` from `%IQDIR15%\bin32` (for 32-bit installations) or `%IQDIR15%\bin64` (for 64-bit installations).
	3. Start the IQ server.
	
	After you use these workarounds, some strings in the `.iqmsg` files and the output of **sp_iqmpxinfo**, **sp_iqstatistics**, and **sp_iqstatus** will be in English instead of Chinese or Japanese.

CR#	Description
648129	**A login attempt to Adaptive Server Enterprise may fail if the specified user name or password contains multibyte characters.** **Workaround**: Reconfigure the Client Charset database option: 1. In the Design window, double-click the Adaptive Server Enterprise source. 2. Open the properties for **Database Options**, and specify a value for the Client Charset option, which is the character set that Client Library (CTLIB) uses to connect to the data server. 3. Click **Save**. **Warning!** Do not use multibyte characters in login credentials for Adaptive Server Enterprise if you expect the Adaptive Server Enterprise character set to change. Changing the character set used by Adaptive Server Enterprise can cause existing user names and passwords to become unusable.

605975	**Unencoded multibyte characters cannot be used in XML datasource.**
	
	The XML file specified as a datasource for the Text Data Provider and XML via SQL Data Provider components cannot contain multibyte characters that are not percent encoded.
	
	Workaround: You must convert any multibyte characters into UTF-8-encoded byte sequences, and then convert each byte into its hexadecimal representation in the %HH format (percent-encoding).
	
	For example, this URL contains three Japanese characters:
	
	Text Source: `ftp://myhost/日本食.txt`
	
	These are double-byte Unicode characters, and their big-endian byte sequences are:
	
	`01100101  11100101`
	`01100111  00101100`
	`10011000  11011111`
	
	Converted by byte, the percent-encodings are %65%E5, %67%2C, and %98%DF. The URL entered should therefore be:
	
	`ftp://myhost/%65%E5%67%2C%98%DF.txt`

CR#	Description
588535	**Grid engine cannot detect IPv6.** If you have installed Sybase IQ InfoPrimer Development on Windows Vista and enabled IPv6, the grid engine may not detect IPv6. As a result, Sybase IQ InfoPrimer Development may not be able to connect to the grid engine. **Workaround**: 1. Edit `IQIPDev.lap` file in the Sybase IQ InfoPrimer Development installation directory. 2. Change the **java.net.preferIPv6Addresses** property from true to false. 3. Restart Sybase IQ InfoPrimer Development.
563610	**Project execution fails if the locales.dat file is not configured.** On UNIX and Linux, if you execute a project without providing a value representing the language for your platform in the `$IQIPDinstall/ocs/locales/locales.dat` file, project execution may fail. **Workaround**: Add the correct language setting in the `locales.dat` file. For example, if you are using a Solaris machine, and your locale is `ja_JP.utf8`, open the `locales.dat` file and search for the `[sun_svr4]` section, then set: `locale = ja_JP.utf8, japanese, utf8`

552407	**IPv6-only environment does not work with Microsoft Vista.**
	
	By default, Microsoft Vista supports IPv6. However, if you are using Vista in an IPv6–only network environment, you see this error:
	
	`ERROR : Cannot create socket. An address incom-`
	`patible`
	`with the requested protocol was used.`
	
	This is mainly due to an incompatibility between the JDK and Windows Vista. However, the same error does not occur if you are working in a mixed (dual-stack) environment of IPv4 and IPv6.
	
	Workaround: None.

CR#	Description
549891	**Accessing Chinese file or folder names on some UNIX platforms.**
	On most UNIX platforms, the LANG environment variable is set to "zh_CN.GBK" or "zh_CN.gbk" to support Simplified Chinese characters in the file or folder names. However, on some UNIX platforms, you may encounter errors unless you set the environment variable LANG to the locale supported on your machine.
	Workaround: To view the list of available locales and set the appropriate one as the LANG environment variable, run the **locale -a** command. For example, running the **locale -a | grep zh** command may show these supported locales:
	• zh.GBK
	• zh.UTF-8
	• zh_CN.EUC
	• zh_CN.GBK
	You can set the environment variable LANG to zh.GBK or zh_CN.GBK to support Simplified Chinese.
	If you cannot see the list of locales, install the required language package on your machine.
543716	**Source files with byte-order mark are parsed incorrectly.**
	If you are using the Fixed by Bytes property to parse your file, make sure the source file does not include the byte-order mark. If it does, the file will be incorrectly parsed.
	Workaround: Use a text editor to remove the byte-order mark from the source file before parsing it.
539726	**Japanese character does not convert correctly from Oracle 10g.**
	The Japanese character '&#65374', does not convert correctly from the source Oracle 10g database if you use the Oracle 10g or 11g native interfaces, or the Oracle 10g or 11g ODBC interfaces in Sybase IQ InfoPrimer Development on Windows XP.
	Workaround: In Sybase IQ InfoPrimer Development, use the Microsoft ODBC driver for Oracle that ships with Windows XP and set the NLS_LANG environment variable for locale to "AMERICAN_AMERICA.JA16SJIS" in the registry of your Sybase IQ InfoPrimer Development machine running on Windows XP.

CR#	Description
531902	**Insert location component cannot load Unicode data from SQL Anywhere 10.**
	The IQ Loader DB via Insert Location component cannot load non-Western and multibyte character data from SQL Anywhere 10 using the `nvarchar` datatype.
	Workaround: None.
530806	**Cannot enter multibyte characters in password fields.**
	You cannot directly type in non-Western or multibyte characters in some IQ InfoPrimer password fields; for example, in the Database Configuration window for components. You can type only ASCII characters directly into password fields.
	Workaround: You can paste non-Western or multibyte character passwords directly into the password field.
530253	**Insert Location Component Cannot Load Unicode Data from Microsoft SQL Server and IBM DB2.**
	The IQ Loader DB via Insert Location component cannot load non-Western and multibyte character data from Microsoft SQL Server and IBM DB2 to Sybase IQ using Sybase Enterprise Connect™ Data Access (ECDA).
	Workaround: None.

Known Issues for Third-Party Products

There are known issues for third-party products that require workarounds, when available.

Table 8. Third-Party Product Issues

CR#	Description
561733	**Installing SQL Anywhere 11 in Japanese or Chinese on Windows displays an error.**
	Workaround: Ignore the error message.

CR#	Description
550309, 550305	**Retrieving or inserting multibyte data using ODBC drivers displays invalid characters.**
	On Windows and Solaris, if you are executing a project using SQL Anywhere 10 ODBC drivers to retrieve multibyte data from, or insert data to, a UTF8-encoded Sybase IQ 15.0 database, the multibyte data is retrieved from the destination database as invalid characters.
	Workaround:
	On Windows:
	1. Select **Start > Settings > Control Panel > Administrative Tools > Data Sources (ODBC)**.
	2. Select **SQL Anywhere 10 DSN name** from the list of User Data Sources or System Data Sources.
	3. Click **Configure**.
	4. Click the **Advanced** tab.
	5. Enter UTF8 in the **Character Set** field.
	6. Click **OK** until you exit the ODBC Data Source Administrator window.
	On Solaris:
	Add Charset=utf8 in the ODBC configuration file.
548368	**Creating a repository connection to SQL Anywhere 10 or 11 database using ODBC may fail.**
	Workaround: To successfully create the repository connection, manually enter the schema name in the Schema field in the Add Repository Connection window.
545145	**Transferring large amount of data consumes excessive memory.**
	When you transfer large amount of data rows from Adaptive Server Enterprise to text, memory use increases, and memory is not released until the project successfully executes.
	Workaround: Select Use Cursors when you configure the ODBC datasource for Adaptive Server.
540683	**Sybase IQ InfoPrimer may stop responding if the query must retrieve large result sets.**
	Reinitializing the DB Data Provider Full Load component may cause Sybase IQ InfoPrimer Development to intermittently stop responding, if you are running a query to retrieve records from a table containing large number or rows. This may also cause Sybase IQ InfoPrimer Server to run out of virtual memory.
	Workaround: Select **Use Cursors** when you configure the ODBC datasource for Adaptive Server.

CR#	Description

539346	**Projects on Windows platforms fail with pipe error messages.**
	
	Projects may fail with a `pipe does not exist` or `pipe permission` error when Sybase IQ Info Primer Server and Sybase IQ are on different Windows platforms.
	
	Workaround:
	
	1. Verify that the Sybase IQ and Sybase IQ InfoPrimer Server hosts can both access the shared directories on each other:
	  1. If Sybase IQ is running on Windows 2003, which is a multiuser operating system, ensure that you are logged in to the session where the target Sybase IQ server was started.
	  2. Ensure you can see the target Sybase IQ server when you try to access the Sybase IQ InfoPrimer Server host from within the Sybase IQ host.
	2. If pipe errors still exist after following workaround 1, specify a data file instead of a pipe name for the Load Stage option in the IQ Bulk Load Sybase IQ component to execute the project containing the component. See *Sybase IQ InfoPrimer Users Guide > Extract Transform and Load Projects > ETL Components > Destination Components > DB Bulk Load Sybase IQ.*

CR#	Description
538539	**Wrong date format written to DB2 on IBM AIX.**
	Using DB Data Provider Index Load and Text Data Sink components, the output date format to DB2 on IBM AIX is incorrect.
	Workaround: There are two workarounds:
	1. Set the read block size to 1. Be aware that reducing the read block size decreases performance.
	2. Use the **CHAR** function to change the query to convert the date or time column to the char datatype. For example, if col_1 is a date column, col_2 is a time column, and col_3 is a timestamp (which does not exhibit the problem), this SQL statement corrects the problem. This statement does not force the user to change the read block size and avoids performance degradation associated with larger block processing:
	``` select CHAR(col_1), CHAR(col_2), col_3 from DATE_TIME_TBL ```
	Text Data Sink component output is:
	``` COL_1,COL_2,COL_3 1963-12-08,12.00.00,1991-03-02 08:30:00.000 1967-04-10,12.01.01,1991-04-02 08:30:00.000 ```
	If you do not use the **CHAR** function, the Text Data Sink output is:
	``` COL_1,COL_2,COL_3 1963-12-08,12:00:00,1991-03-02 08:30:00.000 0004-10-00,01:01:00,1991-04-02 08:30:00.000 ```
	To view the data written to the DB2 table, for example, the DATE4_TBL table, enter:
	``` select * from DATE4_TBL ```
	The content in DATE4_TBL in DB2 is:
	``` COL_1 COL_2 COL_3 ---------- -------- -------------------------- 12/08/1963 12:00:00 1991-03-02-08.30.00.000000 04/10/1967 12:01:01 1991-04-02-08.30.00.000000 ```
531861	**No databases display if you have ODBC driver 15.0.105.**
	If you use Adaptive Server ODBC driver version 15.0.105 or earlier, IQ InfoPrimer Server does not display any database in the Host Name field of the Properties window when you select ODBC for your database interface.
	Workaround: Manually enter the ODBC datasource name for the host you want to connect to.

CR#	Description
500832	**Sybase IQ InfoPrimer cannot display the binary, varbinary, or time value from Adaptive Server Enterprise using the ODBC interface.**
	Workaround: Select **Use Cursors** when you configure the ODBC data-source for Adaptive Server.

Documentation Changes

Read about updates, corrections, and clarifications to the documentation released with Sybase IQ InfoPrimer.

Sybase IQ InfoPrimer Development, Product Manuals and Demos Display

Ensure you can properly view and use the Sybase IQ InfoPrimer Development GUI and the product manuals, and run the Sybase IQ InfoPrimer Flash demos that are installed with the product.

- To view the Sybase IQ InfoPrimer Development GUI and product manuals and to run the Sybase IQ InfoPrimer Flash demos, set the screen resolution to 1024x768 pixels since the Content Explorer dialog is too large to appear in its entirety when the screen resolution is set to 800x600 pixels.
- To run Sybase IQ InfoPrimer Flash demos in Windows Vista, install the latest version of Adobe Flash Player from the *Adobe Web site*.
- To access the *Help > What's New in Sybase IQ InfoPrimer > New Features Guide*, install the latest version of Adobe Reader from the *Adobe Web site*.

Rollbacks for Single-Transaction Task Groups

The behavior of a rollback for a failed single-transaction Task Group execution differs according to the interface property.

If execution of a Task Group component for which the Single Transaction property is selected fails, the behavior of a subsequent rollback depends on the interface you set. If the interface is:

- ODBC – all statements in the Task Group are rolled back.
- Sybase – only the statement that failed is rolled back, and the statements preceding it remain committed.

Windows XP Professional Service Pack Levels

Ensure that you have the correct service pack for 64-bit Windows XP Professional.

Installation Guide Sybase IQ InfoPrimer 15.3 > Planning Your Installation > System Requirements > Sybase IQ InfoPrimer Development and *Installation Guide Sybase IQ InfoPrimer 15.3 > Planning Your Installation > System Requirements > Sybase IQ InfoPrimer Server* state that IQ InfoPrimer Development and IQ InfoPrimer Server support 64-bit Windows XP Professional with Service Pack 3. There is no Service Pack 3 for 64-bit Windows XP Professional. IQ InfoPrimer Development and IQ InfoPrimer Server support 64-bit Windows XP Professional with Service Pack 2.

Obtaining Help and Additional Information

Use the Sybase Getting Started CD, Product Manuals site (SyBooks™ Online), 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 Manuals 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 Manuals 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. Select EBFs/Maintenance. If prompted, enter your MySybase user name and password.
3. Select a product.
4. Specify a time frame and click **Go**. You see a list of EBF/Maintenance releases.

   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 **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.

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.