

Sybase Products Affected by RSA Signature Vulnerability

Last Update : 11th January 2007

Notes :

Please check this table regularly as it will be updated as further information becomes available.

See the bottom of this document for the Change History.

Product	Affected Version & OS	Impact/Scenario	Solution - Customer Instructions	Fixed Version & Availability Dates
Afaria	All versions and platforms	OpenSSL	Update required - Get updated Afaria download containing fix, when available from Sybase.	
Appeon	2.8 Japanese (Windows) 3.1 English (Windows) 3.1 Japanese (Windows) 5.0 English (Windows & Solaris)	EAServer - Appeon 5.0 uses EAS 5.3 - Appeon 3.1 uses EAS 5.2 - Appeon 2.8 uses EAS 5.0	Update required - Get updated EAServer download containing fix, when available from Sybase.	EAS 5.3 EBF 14147 on Win - Jan '07 EAS 5.3 EBF 14148 on Sol - Jan '07
ASE	12.5.2 and above: Sol32, sol64, HP-PA32, HP-PA64, HP-IA64, AIX32, AIX64 Win32, SGI32, SGI64, Linux32, LinuxIA64 15.x and above: Sol32, Sol64, solAMD64, HP-PA64, HP-IA64, AIX64 Win32, Linux32, LinuxAMD64, includes all localized versions	ASE Webservices with SSL	Update required for ASE with WebServices option if using JDK/JRE to develop/run code using SSL for connection. Get updated ASE download containing fix for WebServices option, when available from Sybase. ASE will release ESDs for 12.5.x and 15.x codelines. Customers wanting a fix sooner will be able to get the updated JDK/JRE from the vendor and update their own. Sybase will provide instructions for doing this by the end of January 2007.	12.5.4 ESD #4 - End of January, 2007 15.0.1 ESD#2 - End of February, 2007 Customer JDK/JRE self update instructions - End of January 2007.
Data Direct ODBC/OLE-DB Drivers for ASE.	These drivers were shipped with ASE prior to version 12.5.4, AND with SDK 12.5.1 on Windows prior to ESD #12. Includes all localized versions	DataDirect ODBC/OLE-DB drivers for ASE from Sybase (only if using DataDirect ODBC/OLE-DB with SSL when connecting to ASE).	Update Required - Get updated Data Direct ODBC/OLE-DB drivers for ASE from Sybase. (This download is for customers who need an immediate fix. Customers are eventually expected to migrate to Sybase's own ODBC and OLE-DB drivers, which do not have this issue.)	EBF 14058 - Available now
Avaki	Versions 6.2 and 7.0 (and 3.0, 4.0/4.0.X, 5.0/5.0.X, 5.1/5.1.X, 6.0/6.0.X. and 6.1/6.1.X released prior to the acquisition) Windows, Solaris, Linux (using Sun JRE) IBM AIX, HP-UX, HP-Itanium (using their JREs)	SSL usage Jboss using SSL	Avaki customers will be able to get the updated JDK/JRE from the vendor and update their own. Sybase will provide instructions for doing this by the end of January 2007.	Customer JDK/JRE self update instructions - End of January 2007.
BPI for Healthcare	2.2 (Windows, Solaris, AIX) 2.2.1 (HP)	SSL in JDK/JRE included in EAServer. Also affected through E-Biz Impact.	Update required - Get updated EAServer (if using) and updated E-Biz Impact downloads containing fixes, when available from Sybase.	For EAServer updates, refer to EAServer entry in this table. E-Biz Impact - Version TBD - Date Q2 '07

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Data Auditing	4.5.2: Solaris, 4.5.3: Solaris (8, 9), HPPA (11.11, 11.23), AIX (5.2, 5.3)	DataDirect ODBC/OLE-DB drivers for ASE from Sybase (only if using DataDirect ODBC/OLE-DB with SSL when connecting to ASE).	Update Required - Get Data Auditing 4.5.5 If customers still need Data Direct drivers, they can get updated Data Direct ODBC/OLE-DB drivers for ASE, from Sybase when available. (This download is for customers who need an immediate fix. Customers are eventually expected to migrate to Sybase's own ODBC and OLE-DB drivers, which do not have this issue.)	4.5.5 - Date TBD
Data Federation	DataFederation 1.0 on Windows and Solaris	SSL usage Jboss using SSL	Data Federation customers will be able to get the updated JDK/JRE from the vendor and update their own. Sybase will provide instructions for doing this by the end of January 2007. Data Federation 1.1 will include the fix.	Customer JDK/JRE self update instructions - End of January 2007. Data Federation for Win/Sol- 1.1 - Date TBD
Data Integration Suite	DI 1.0 on Windows and Solaris	Component impact when used with SSL - Data Federation (Avaki)	DI Suite customers will be able to get the updated JDK/JRE from the vendor and update their own. Sybase will provide instructions for doing this by the end of January 2007. DI Suite 1.1 will include the fix.	Customer JDK/JRE self update instructions - End of January 2007. DI Suite 1.1 - Date TBD
EAServer	5.0 Win, Sol, AIX, HP RISC, HP Itanium, Linux 5.1 Win, Sol 5.2 Win, Sol, AIX, HP RISC, Linux 5.3 Win, Sol 5.5 Win 6.0 Win, Sol	Usage of SSL	Update required - Get updated EAServer download containing fix, when available from Sybase.	EAS 5.0.1 on HP Itanium - Apr '07 EAS 5.2 EBF 13597 on AIX - Jan '07 EAS 5.2.1 on AIX - Jan '07 EAS 5.2.1 on HP Risc - Apr '07 EAS 5.3 EBF 14147 on Win - Jan '07 EAS 5.3 EBF 14148 on Sol - Jan '07 EAS 5.5 EBF 14146 on Win - Avail Now EAS 5.5 on Sol - Avail Now EAS 5.5 on Linux - Jan '07 EAS 6.0.1 EBF 14197 on Win - Avail Now EAS 6.0.1 EBF 14198 on Sol - Avail Now
E-Biz Impact	All versions and platforms	Usage of SSL	Update required - Get updated eBiz Impact download containing fix, when available from Sybase	E-Biz Impact - Version TBD - Date Q2 '07
ECDA	12.5, 12.6 (all OS)	DataDirect ODBC/OLE-DB drivers for ASE from Sybase (only if using DataDirect ODBC/OLE-DB with SSL when connecting to ASE).	Update Required - Get updated Data Direct ODBC/OLE-DB drivers for ASE, from Sybase when available. (This download is for customers who need an immediate fix. Customers are eventually expected to migrate to Sybase's own ODBC and OLE-DB drivers, which do not have this issue.)	EBF 14058 - Available now
FFI Global Fix	All versions and platforms	SSL in JDK/JRE	Contact your application server vendor for a fix.	n/a
FFI Global Fix Lite	All versions and platforms	SSL in JDK/JRE, SSL in embedded Application Server (Jboss).	Update required - Get updated Global Fix Lite download containing fix, when available from Sybase.	
FFI BPTW	All versions and platforms	SSL thru 3rd party Application Server	Contact your 3rd party application server vendor for a fix.	n/a
FFI Cons Banking	All versions and platforms	SSL thru 3rd party Application Server	Contact your 3rd party application server vendor for a fix.	n/a
FFI Corp Banking	All versions and platforms	SSL thru 3rd party Application Server	Contact your 3rd party application server vendor for a fix.	n/a

Product	Affected Version & OS	Impact/Scenario	Solution - Customer Instructions	Fixed Version & Availability Dates
FFI UOFX	All versions and platforms	SSL thru 3rd party Application Server	Contact your 3rd party application server vendor for a fix.	n/a
Sybase IQ	<p>version 12.5 : Sun Solaris SPARC, HP-UX PA-RISC, HP Itanium, IBM AIX, Windows x86, Linux x86</p> <p>version 12.6 & 12.7 : Sun Solaris SPARC, Sun Solaris x64, HP-UX PA-RISC, HP Itanium, IBM AIX, Linux x86, Linux x86-64, IBM Linux on Power, Windows x86, Windows x64.</p>	SSL in JDK/JRE	<p>Update required: Sybase IQ 12.5 : Solution : Migrate to IQ 12.6 or 12.7 and apply appropriate patch</p> <p>Sybase IQ 12.6 : Solution: Resolved in ESD8 for Sun SPARC, Sun x64, Win x86, Win x64, Linuxx86, Linux x86-64. Planned for ESD9 for Linux on IBM Power, IBM AIX. Plan is TBD for HP Itanium and HP-UX PA-RISC (dependent on JDK/JRE fix from vendor.)</p> <p>Sybase IQ 12.7: Solution : Planned for ESD2 for all IQ platforms except HP. Target release date end March 2007. Plan is TBD for HP Itanium and HP-UX PA-RISC (dependent on JDK/JRE fix from vendor.)</p>	<p>12.6 ESD8 - on Sun SPARC, Sun x64, Win x86, Win x64, Linuxx86, Linux x86-64 - Available now.</p> <p>12.6 ESD9 - on Linux on IBM Power, IBM AIX - Available end of February.</p> <p>12.6 TBD ESD - on HP PA-RISC and HP Itanium - Available TBD. (Dependent on JDK/JRE fix from Vendor)</p> <p>12.7 ESD2 - on all IQ platforms except HP - End of March 2007.</p> <p>12.7 ESD2 - on HP platforms - Available TBD (dependent on JDK/JRE fix from vendor.)</p> <p>Customers needing a fix sooner can update their own JDK/JRE with the fixed JDK/JRE from the vendor.</p>
Sybase IQ Extended Enterprise Edition	version 12.7 : Sun Solaris SPARC, Windows x86, Linux x86	SSL in JDK/JRE	Update required - Get appropriate Sybase IQ 12.7 ESD release as defined above for "Sybase IQ".	Customers should get appropriate Sybase IQ 12.7 ESD described above for IQ.
jConnect	All versions and platforms	no direct impact	The jConnect product does not make use of any affected API. Client applications written using jConnect may however be exposed to this issue. jConnect usage requires a JRE, but does not bundle one. Customers using jConnect should make sure they have updated their product that uses jConnect, or they have updated their JDK/JRE to the fixed version. Products embedding jConnect will post fixes in the form of product ebfs and/or instructions for updating the JDK/JRE.	n/a
Mach Desktop	Version 2.2.1 on Windows	SSL Usage	Update required - Get updated Mach Desktop download containing fix, when available from Sybase.	2.3 - Q2 2007
MFOLIO	Version 2.0 on Windows	SSL Usage	Update required - Get updated MFolio download containing fix, when available from Sybase.	3.0 - Available now
PowerBuilder	9.0x, 10.2.x and 10.5.x	SSL Usage	Update required - Get updated PowerBuilder download containing fixes when available from Sybase.	<p>PB903 build 8836 - Dec 2006</p> <p>PB10.2.1 build 9761 - Available Now</p> <p>PB10.5.1 build 6537 - Available Now</p>

Product	Affected Version & OS	Impact/Scenario	Solution - Customer Instructions	Fixed Version & Availability Dates
Risk Analytics Platform	2.0 (Solaris, AIX, Linux Opteron 64, IBM Open Power) 3.0 (Sun Solaris 2.9 SPARC-64-bit, RH Linux 3.0 x86-64-bit)	SSL usage in JDK/JRE within ASE Web Services bundled with RAP.	Update required 2.0 - Customers should update to 3.0 and then follow instructions for ASE entry, is using the DST calculations in the JDK/JRE bundled with ASE WebServices.. 3.0 - Customers should follow instructions for ASE entry, is using the DST calculations in the JDK/JRE bundled with ASE WebServices..	3.0 Plus ASE updates, per ASE entry in this table.
RFID Enterprise	2.0, 2.1, 2.2 on Solaris SPARC, Solaris x64, Linux x86, Linux x64, Windows x86, IBM AIX	SSL usage.	Update required - Get updated RFID Enterprise download containing fixes when available from Sybase.	
RTDS	2.0, 2.0.1 ,3.0,3.1: Sun Solaris SPARC, IBM AIX, Windows x86 (2.0 includes EAS 4.2.2, 3.0 and 3.1 include EAS 5.0) 3.5: Sun Solaris SPARC, IBM AIX, Windows x86, Linux x86 (Includes EAS 5.2) 4.0: Sun Solaris SPARC, IBM AIX, Windows x86, Linux x86, HP-UX PA-RISC (4.0 includes EAS 5.2)	SSL usage - After further investigation, Sybase has determined that there is no vulnerability for RTDS due to this issue.	n/a	n/a
SDK	12.5.1 Windows	DataDirect ODBC/OLE-DB drivers for ASE from Sybase (only if using DataDirect ODBC/OLE-DB with SSL when connecting to ASE).	Update Required - Get updated Data Direct ODBC/OLE-DB drivers for ASE, from Sybase when available. (This download is for customers who need an immediate fix. Customers are eventually expected to migrate to Sybase's own ODBC and OLE-DB drivers, which do not have this issue.)	EBF 14058 - Available now
Solonde ETL	3.6, 4.0 Windows, Linux, Solaris & any OEM version (e.g., Epicor)	OpenSSL	Update required - Get updated Solonde ETL download containing fixes when available from Sybase.	Solonde EBF - Q1 2007
Unwired Accelerator & Enterprise Portal	EP 6.0 UA 7.x on Windows, Linux x86, Linux on Power UA 8.x on Windows	SSL usage	EP 6.x customers to download updated JDK/JRE when instructions are available from Sybase. UA 7.x customers to download updated JDK/JRE when instructions are available from Sybase. UA 8.x Linux "on Power" fixed as released. UA 8.x Windows customers to install UA EBF.	EP 6.x and UA 7.x Customers to download/install updated JDK - Instructions available on 16 Feb, 2007. UA 8.0 Linux "on Power" fixed as released. UA 8.0 Windows EBF - 16 Feb, 2007
Unwired Orchestrator 4.x	4.3 on Windows, AIX, HP, Solaris	SSL usage in EAServer	Update required - Get updated Unwired Orchestrator download containing fixes when available from Sybase.	5.2 - Q1 2007
Unwired Orchestrator 5.x	5.0 on Windows and Solaris 5.1 on Windows, Linux, and Solaris	SSL usage in EAServer	Update required - Get updated Unwired Orchestrator download containing fixes when available from Sybase.	5.2 - Q1 2007
WorkSpace	1.0, 1.5, 1.6 on Windows	DataDirect SSL to ASE (WS 1.0), SSL, Signature verification	Customers should move to WorkSpace 1.7 when available from Sybase.	1.7 - Q1 2007

Change History

Product	Date	Change
Avaki, Data Federation, DI Suite	11-Jan-2006	Changed instructions to tell customers to get updated operating system and update their own JDK/JRE per instructions from Sybase.
ASE	11-Jan-2007	Added fixed version and availability dates for 12.5.x and 15.x codelines
Unwired Accelerator & Enterprise Portal	10-Jan-2007	UA 8.0 Linux on Power is fixed as released.
Enterprise Portal and Unwired Accelerator	04-Jan-2007	Added dates for fixes and for availability of JDK/JRE self-download instructions.
Sybase IQ	04-Jan-2007	Updated fix versions and dates for IQ and IQ EEE.
EAServer	03-Jan-2007	Added dates for EAS AIX fixes
BPI Suite for Healthcare	22-Dec-2006	Modified impact and solution.
E-Biz Impact	22-Dec-2006	Addition detail added to version/date field.
Risk Analytics Platform	22-Dec-2006	Modified impact and solution.
Mach Desktop	21-Dec-2006	Added fixed version and availability date
Mfolio	21-Dec-2006	Added fixed version and availability date
Appeon	20-Dec-2006	Added details of EAServer fixes.
Data Auditing	20-Dec-2006	Added fixed version - date TBD
EAServer	20-Dec-2006	Added details of EAServer fixes.
ECDA	20-Dec-2006	Added reference to DataDirect drivers fix.
jConnect	20-Dec-2006	Added note about jConnect due to customer inquiry.
ASE	19-Dec-2006	Added more detail for ASE.
RTDS	19-Dec-2006	Declared RTDS not vulnerable.
Solonde ETL (TRON)	19-Dec-2006	Added more detail for Solonde
Unwired Accelerator Enterprise Portal	19-Dec-2006	Further clarified UA and EP plans.
PowerBuilder	14-Dec-2006	Added Specific instructions for PB
Unwired orchestrator	14-Dec-2006	Updated specific instructions for UO releases. Listed 5.2 as the fixed version.
WorkSpace	14-Dec-2006	Updated specific instructions for WorkSpace. Listed 1.7 as the fixed version.
Sybase IQ	12-Dec-2006	Detailed specific fix instructions for each version
ASE	04-Dec-2006	Added date for JRE self-update instructions.
Avaki	04-Dec-2006	Changed Avaki instructions to tell customers to get updated operating system, and Avaki EBFs.

Product	Date	Change
Data Direct ODBC/OLE-DB Drivers for ASE	04-Dec-2006	Changed ebf to say "Available Now", in this project column and for all products waiting for it.
Data Federation	04-Dec-2006	Added Data Federation to list and included DF references from Avaki section.
Data Integration Suite	04-Dec-2006	Modified instructions to align with Avaki solution.
Data Direct ODBC/OLE-DB Drivers for ASE	29-Nov-2006	added ebf and date for fixes
E-Biz Impact	29-Nov-2006	<p>Changed versions to "All Versions".</p> <p>Changed impact to "Usage of SSL".</p> <p>Changed Solution/Customer Instructions to read, "Get updated eBiz Impact download containing fix, when available from Sybase."</p>
Risk Analytics Platform	29-Nov-2006	Changed description in affected versions and Impact/Scenario cell for clarity. (JDK/JRE in RAP is from ASE WS.)