



Release Bulletin

Sybase Event Stream Processor

5.1

Windows

DOCUMENT ID: DC01709-01-0510-02

LAST REVISED: September 2012

Copyright © 2012 by Sybase, Inc. All rights reserved.

This publication pertains to Sybase software and to any subsequent release until otherwise indicated in new editions or technical notes. Information in this document is subject to change without notice. The software described herein is furnished under a license agreement, and it may be used or copied only in accordance with the terms of that agreement.

Upgrades are provided only at regularly scheduled software release dates. No part of this publication may be reproduced, transmitted, or translated in any form or by any means, electronic, mechanical, manual, optical, or otherwise, without the prior written permission of Sybase, Inc.

Sybase trademarks can be viewed at the Sybase trademarks page at <http://www.sybase.com/detail?id=1011207>. Sybase and the marks listed are trademarks of Sybase, Inc. ® indicates registration in the United States of America.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries all over the world.

Java and all Java-based marks are trademarks or registered trademarks of Oracle and/or its affiliates in the U.S. and other countries.

Unicode and the Unicode Logo are registered trademarks of Unicode, Inc.

All other company and product names mentioned may be trademarks of the respective companies with which they are associated.

Use, duplication, or disclosure by the government is subject to the restrictions set forth in subparagraph (c)(1)(ii) of DFARS 52.227-7013 for the DOD and as set forth in FAR 52.227-19(a)-(d) for civilian agencies.

Sybase, Inc., One Sybase Drive, Dublin, CA 94568.

Contents

Accessing Current Documentation	1
Product Summary	1
Download Requirements for Separately Licensed	
Adapters	1
Security Recommendations	2
Installation and Upgrade	2
Sub-capacity Licensing	2
Known Installation Issues	3
Known Issues	4
Known Issues for Event Stream Processor Studio	4
Known Issues for Event Stream Processor Server	5
Known Issues for Event Stream Processor Adapters	6
Known Issues for Migration	8
Known Issues for CCL	9
Known Issues for SPLASH	9
Known Issues for SDKs	11
Known Issues for SCC	12
Documentation Changes	13
Obtaining Help and Additional Information	16
Technical Support	17
Downloading Sybase EBFs and Maintenance Reports	
.....	17
Sybase Product and Component Certifications	18
Creating a MySybase Profile	18
Accessibility Features	18

Contents

Accessing Current Documentation

Sybase® Event Stream Processor periodically provides online documentation updates. Therefore, more recent versions of your documents may be available on the Web. To check for critical product or document information added after the product release, use the Sybase Product Documentation Web site.

To access documentation at the Sybase Product Documentation Web site:

1. Go to Product Documentation at <http://www.sybase.com/support/manuals/>.
2. Select Sybase Event Stream Processor.
3. Select your version from the Document Set list.
4. Select the link to the document you want to read. For most documents, you can either download the PDF version or browse the document online.

Product Summary

Sybase Event Stream Processor enables you to create and run your own complex event processing applications to derive continuous intelligence from streaming event data in real time.

This release bulletin discusses known issues, workarounds, and late-breaking documentation updates for Sybase Event Stream Processor 5.1.

For information about supported platforms and operating systems, see the *Installation Guide*.

For information about new features in this release, see the *New Features Summary*.

For information about accessibility, see *Accessibility Features* in this release bulletin.

Download Requirements for Separately Licensed Adapters

When you order separately licensed adapters in addition to Event Stream Processor, download only one copy of the Event Stream Processor CD image per platform.

For convenience, the Sybase Product Download Center (SPDC) and the SAP® Service Marketplace (SMP) make the Event Stream Processor CD image available on its own and with each separately licensed adapter. However, when you order separately licensed adapters with

Security Recommendations

Event Stream Processor, you only require one instance of the CD image for each platform you are using. If you are using a single platform, download a single copy of the CD image.

Ensure you download a separate license for each adapter in addition to the license for Event Stream Processor.

Security Recommendations

Sybase strongly recommends that you enable operating system file access auditing capabilities to monitor and control the access of adapter and server configuration files. This is especially important for files containing passwords.

Installation and Upgrade

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

See the *Migration Guide* for information on migrating from Sybase Aleri Streaming Platform to Sybase Event Stream Processor 5.1.

Sub-capacity Licensing

Sub-capacity licensing refers to licensing a Sybase product on a subset of the CPUs available on a physical machine. Learn about sub-capacity licensing for this version of Event Stream Processor.

Table 1. SySAM Virtualization Sub-capacity Compatibility

Vendor	Product	Platform Support	Virtualization Type
Intel, AMD	VMWare ESX Server* Guest O/S: Windows	VMWare ESX 3.5, ESX 4.0 and ESX 4.1, Guest OS: Windows 2008 R2, Windows 7, Windows XP	Virtual machine
Intel, AMD	Xen,** DomainU: Windows	Windows 2008 R2, Windows 7	Virtual machine

* VMWare ESX Server excludes VMWare Workstation, and VMWare Server.

** Xen excludes Solaris x64.

Known Installation Issues

Installation issues for this version of Event Stream Processor.

Table 2. Known Installation Issues

CR#	Description
668057	<p>If you install Event Stream Processor using InstallAnywhere in the same directory as older Sybase products that also use InstallShield, uninstalling one of the products may make other products unusable because some shared components are removed by the uninstaller.</p> <p>If you install Event Stream Processor in the same directory as older Sybase products, do not uninstall.</p>
681675	<p>When starting the SySAM license server, you may receive an error indicating failure to connect to the license server.</p> <p>This version of Sybase Event Stream Processor includes both Internet Protocol Version 4 (IPv4) and Internet Protocol Version 6 (IPv6) versions of the SySAM license server software. Use the sysam configuration command to choose the version of the license server based on your environment. By default, the IPv4 version of the license server is configured. This may result in an error if you have previously enabled IPv6 on the license server host.</p> <p>You can run both IPv6 and IPv4 on the same host by using the IPv4 address when specifying the SySAM server, rather than the using the host name.</p>
707308	<p>When installing ASE 15.0.3 ESD#4 with ESP 5.1 already installed in the same directory, if you execute \$SYBASE\SYBASE .bat followed by isql -v, you may receive an error.</p> <p>Backup SYBASE .bat before installing ASE 15.0.3 ESD #4.</p>
715637	<p>When you are installing on Windows ovetop of an existing Event Stream Processor 5.1 installation, and files from that installation are in use, the installer reboots the system at the end of the installation without warning.</p>
716148, 716109 and 716131	<p>Settings in a response file, generated by performing a Typical installation or by running the console installer, are not recognized when performing a silent installation.</p> <p>To work around this issue, generate a correct response file manually or by running the GUI installer and performing a Custom installation. Refer to the sample response file in the <i>Installation Guide</i>.</p>

Known Issues

Learn about known issues and apply workarounds for Sybase Event Stream Processor.

Known Issues for Event Stream Processor Studio

Learn about known issues and apply workarounds for ESP Studio.

Table 3. Studio Issues

CR#	Description
682543	<p>Deleting the key column from a named schema does not update the CCL editor. The CCL editor shows the column as a primary key and the project does not compile successfully.</p> <p>Inline schema does not cause this problem. Update the project in the CCL editor to compile successfully.</p>
690176	<p>When running example projects from the Learning perspective, the Stream View is empty for some streams.</p> <p>If you are running a project in the Learning perspective and you are working with a small data set, work around this issue by changing the stream view pulsed subscribe interval value to 0.</p> <p>Set the interval back to its default value of 1 before working with any other projects.</p>
699246	<p>When you are compiling a project through the Studio and the compiler encounters an implicit record cast where one or more record fields will be set to null at run-time, it should generate a warning message but does not. The warning does display if you compile from the command line.</p>
715708	<p>The Studio incorrectly lists the HTTP output adapter with the input adapters. The adapter functions correctly as an output adapter, but is listed in the Input adapters drawer within Studio.</p> <p>To add an HTTP output adapter to your Studio diagram, select it from the Input adapters drawer and configure it as necessary for output.</p>
717372	<p>The ESP input adapter is available in the Studio palette. The adapter is required for internal processing, but it is not a supported adapter.</p> <p>If you want to connect to another Event Stream Processor project, use stream binding instead. For more information, see the <i>Studio Users Guide</i>.</p>

CR#	Description
717703	<p>Studio replaces adapter passwords with asterisks when switching from the Visual Authoring view to the text editor. It may also drop some required adapter properties.</p> <p>To work around this issue, open the adapter's cnxml file in the text editor, replace the password, and verify that all required properties are present.</p>
717975	<p>Running a project with multiple stream bindings on Windows x64 may cause Studio to crash.</p> <p>To avoid this issue, edit your CCL and set only one stream binding per project.</p>

Known Issues for Event Stream Processor Server

Learn about known issues and apply workarounds for the Server.

Table 4. Server Issues

CR#	Description
671971	<p>By default, the RSA login uses the "SHA1withRSA" signature algorithm and the "MD5" digest algorithm. If you change the signature and digester methods in the cluster configuration, make the same changes to the SIGN_ALGORITHM and DIGEST_ALGORITHM environment variables.</p> <p>For example, values for the SIGN_ALGORITHM environment variable are "SHA1withRSA" (default), "MD5withRSA", and "SHA1withDSA" (Java only). Possible values for the DIGEST_ALGORITHM environment variable are "MD5" (default) and "SHA1".</p>
674280	<p>Avoid using retention with input windows that use a log store. While the compiler does not flag this as an error, the retention policy on input windows that use a log store may not work as expected after recovery.</p>
674786	<p>In the case of the ESP Server crashing, if you have a join-based window using a log store, one source window using a log store, and another source window using a memory store and being derived from a window using a log store, the data in the join window is recovered up to the crash, but new records uploaded to the ESP Server do not get joined. When all the source windows use a log store, the same records that are uploaded to the ESP Server get joined.</p>
675321	<p>If you are using an external function that returns a string, do not assign this string to the arena. Otherwise, an unrecoverable error occurs when the Server later tries to release the memory used by the returned string because the memory would have already been released by the Server when the record was processed.</p>

Known Issues

CR#	Description
696040	<p>If Event Stream Processor crashes while the Replication Server adapter is running, some data may be lost when using the <code>rs_lastcommit</code> function.</p> <p>To work around this issue, during a controlled shut down, close the Replication Server adapter before closing Event Stream Processor.</p>
701653	<p>The ESP compiler views the string literal <code>"\b"</code> as a backspace character. Therefore, CCL programs that contain <code>\b</code> will not compile.</p> <p>To work around this issue, use a double back slash (<code>"\\b"</code>) for this string literal instead of a single back slash.</p>
715362	<p>To reduce memory consumption growth, when allocating a vector or a dictionary using 'new' that is subsequently being used as an argument to the <code>getData()</code> function, check for the vector already being allocated using <code>isnull</code>, as follows:</p> <pre>if (isnull(vector_var)) vector_var = new vector(...) getdata(vector_var, ...)</pre>

Known Issues for Event Stream Processor Adapters

Learn about known issues and apply workarounds for adapters supported by Event Stream Processor.

Table 5. Adapter Issues

CR#	Description
680661	<p>The Platform Input and Platform Output adapters are not supported by Event Stream Processor. The <code>platform_in.cnxml</code> and <code>platform_out.cnxml</code> files are included in the install, but are for internal use only.</p>

CR#	Description
695586	<p>When using the Database Input adapter and the <code>getData()</code> built-in SPLASH function in the flex stream, there is a compatibility issue between JDK7 and the JDBC driver for MSSQL (3.0.1301.101 and 4.0 CTP3). The problem occurs when mapping a <code>datetime2</code> datatype into Event Stream Processor <code>timestamp</code> or <code>string</code> datatypes as the adapter executes queries such as a <code>SELECT</code> statement. The value that is read in is incorrect. To work around this issue, use the SQL <code>convert()</code> built-in function to cast a <code>datetime2</code> column into a <code>varchar</code>. For example, modify a <code>SELECT</code> statement like this:</p> <pre>select c_bigdatetime from newalltypes</pre> <p>into this:</p> <pre>select convert(varchar(30), c_bigdatetime, 121) from newalltypes</pre> <p>where the third argument value of 121 is the format to which the <code>datetime2</code> field will be converted.</p>
714685	<p>You must make a few changes so that Java external adapters from Event Stream Processor 5.0 are compatible with ones from 5.1.</p> <ul style="list-style-type: none"> For all Java external adapters, due to changes in authentication types between versions, you can use only LDAP, RSA, or Kerberos (not ticket) authentication types if you want compatibility between 5.0 and 5.1 adapters. To make the 5.0 external FIX Input adapter compatible with the 5.1 version, add the <code>maxPubPoolSize</code> parameter to the 5.0 file connectors configuration files. This property was optional in 5.0 but is required in 5.1. If you want to start the 5.0 external FIX Input adapter with the 5.1 configuration file, remove the <code>inputBuffer</code> property from the 5.1 configuration file as this property is not valid in 5.0.
715027	<p>A custom internal adapter that was written using the 5.1 version of the <code>GenericAdapterInterface.h</code> file is not compatible with an adapter that was written using the 5.0 version. To make these adapters compatible in 5.0, change the following function signatures for these files to the 5.1 version:</p> <ul style="list-style-type: none"> change <code>int getTotalRowsProcessed(void*)</code> to <code>int64_t getTotalRowsProcessed(void*)</code> change <code>int getNumberOfBadRows(void*)</code> to <code>int64_t getNumberOfBadRows(void*)</code> change <code>int getNumberOfGoodRows(void*)</code> to <code>int64_t getNumberOfGoodRows(void*)</code>

Known Issues

CR#	Description
715811	<p>When the peer program publishing to the adapter does not close its socket connection cleanly the adapter's state becomes DEAD and it no longer accepts connections.</p> <p>To avoid this issue, ensure that the publisher issues a "close" on the socket connection before exiting.</p>
716339	<p>The CSV Input adapter does not process the last line of the CSV input file. To ensure that all data in the file is processed, add an empty line at the end of the file.</p>
716733	<p>When using the ASE and IQ Output adapters, if the window to which the adapter is connected has multiple columns in its primary key, the adapter may not process deletes correctly. To work around this issue, attach the adapter to a window that has only one column in its primary key.</p>
716843	<p>If you stop the Database Input adapter while it is reading data and then start it again, the adapter does not start and therefore, does not complete reading data.</p> <p>To work around this issue, restart the ESP Server, and if you did not configure the adapters to start automatically, then manually start the Database Input adapter.</p>
716844	<p>If you drop the table that the Database Input adapter is polling data against, the adapter crashes.</p> <p>To work around this issue, restart the ESP Server, and if you did not configure the adapters to start automatically, then manually start the Database Input adapter.</p>
717862	<p>To use an adapter with ESP, you must set the <i>JAVA_HOME</i> environment variable to the location where you have installed Java 1.7 in the SYB-ASE.bat file.</p>
N/A	<p>Install Microsoft .NET Framework version 2.0 or higher prior to installing the ESP Add-In for Microsoft Excel.</p>

Known Issues for Migration

Learn about known issues for migration and the **esp_aml2ccl** utility.

Table 6. Migration Issues

CR#	Description
684802	<p>The esp_aml2ccl utility converts <code>money (4)</code> by default. Manually replace all <code>money (4)</code> instances with <code>money</code> in the <code>.ccx</code> file.</p>

Known Issues for CCL

Learn about known issues and apply workarounds for CCL.

Table 7. CCL Issues

CR#	Description
657188	The power() function can process only NULL values of float type.
682005	On Windows 64-bit platforms, invoking the CCL function xmlserialize() causes <code>esp_server.exe</code> to fail. This issue does not occur on Windows 32-bit platforms.

Known Issues for SPLASH

Learn about known issues and apply workarounds for SPLASH.

Table 8. SPLASH issues

CR#	Description
662913	<p>You can globally define dictionary and vector data structures; however, limit global use to reading them. Only one stream should write to a dictionary or vector data structure; while that stream is writing, no other stream should write to or read from that data structure. The underlying objects used to manage the global dictionary or vector data structures are not thread-safe. A stream must have exclusive access to the global dictionary or vector data structure while writing. Allowing other streams to access these data structures while one stream is writing may result in server failure.</p> <p>Additionally, limit the use of these data structures to relatively static data (such as country codes) that are read by multiple streams, but that will not need to be updated during processing. Writing the data to the dictionary or vector must be completed before any streams read it.</p> <p>All operations that read a global dictionary or vector should perform an <code>isnull</code> check, as shown here:</p> <pre>>typeof(streamname) rec := dict[symbol]; if(not (isnull(rec))) { // use rec }</pre>

Known Issues

CR#	Description
693571	<p>SPLASH lets you define “record event” variables such as:</p> <pre data-bbox="458 253 1157 279">[integer key1; integer d1; string t1;] var1;</pre> <p>While you can conveniently reference the individual columns in “var1” using dot notation, you can only do this after the record event variable has been initialized. Once the record event has been initialized, you can access columns directly using dot notation (for example, count := var1.d1; or var1.t1 := 'Tuesday;'). If you try to set column values using dot notation before initializing the record event with the bracket notation, the compiler will not flag an error, but the record will not yet exist and the assignment will fail.</p>
717875	<p>Defining a collection object inside a while loop and assigning it dynamically using the new call can cause the server to crash. To prevent this, define the collection object outside of the while loop. For example, instead of defining the vector "save" inside the while loop</p> <pre data-bbox="448 652 1170 899">... while (a < 5) { vector(int64) save := rmWaitMap[SourceStream1.NewColumn2]; if (isnull(save)) { save := new vector(int64); } ... } ...</pre> <p>define it outside of the while loop</p> <pre data-bbox="448 965 1083 1211">... vector(int64) save; while (a < 5) { save := rmWaitMap[SourceStream1.NewColumn2]; if (isnull(save)) { save := new vector(int64); } ... } ...</pre>

Known Issues for SDKs

Learn about known issues for the Event Stream Processor SDKs.

Table 9. SDK Issues

CR#	Description
682112	<p>When using the .NET SDK, to avoid memory leaks when running the example, in the <code>SubscriberExample.cs</code> file located in the <code>\$ESP_HOME/examples/net/SubscriberExample</code> folder, replace:</p> <pre data-bbox="427 552 1180 835"> while (!done) { event1 = subscriber.get_next_event(espError); switch (event1.getType()) { } } </pre> <p>with</p> <pre data-bbox="427 899 1180 1211"> while (!done) { event1 = subscriber.get_next_event(espError); switch (event1.getType()) { } event1.release(); } </pre>

Known Issues

CR#	Description
701458	<p>In the <code>NetEspRelativeRowWriter</code> class, the signature for the <code>set_binary</code> method has changed from:</p> <pre>int32_t set_binary(IntPtr^ binary_value, uint32_t size, NetEspError^ error);</pre> <p>to:</p> <pre>int32_t set_binary(array<Byte>^ buffer, uint32_t size, NetEspError^ error);</pre> <p>Update the existing applications that use Event Stream Processor .NET SDK and call on <code>NetEspRelativeRowWriter.set_binary</code> to use the new method signature.</p>
715262	<p>If a .NET application that compiled with the .NET SDK dll in ESP5.0 cannot run in ESP5.1, compile it with the .NET SDK dll in ESP5.1.</p>
716418	<p>There is no default operation for the <code>RelativeRowWriter</code>'s <code>setOperation</code> method, so you must explicitly set the operation. This does not apply to C and .NET as they default to <code>INSERT</code>.</p>

Known Issues for SCC

Learn about known issues and apply workarounds for SCC.

Table 10. SCC Issues

CR#	Description
714997	<p>In the online help in SCC, the “Sybase Control Center for Event Stream Processor” link in the right pane of the home page does not work.</p> <p>To work around this issue, use the “Sybase Control Center for Event Stream Processor” link in the left pane instead.</p>

Documentation Changes

Read about updates, corrections, and clarifications to the documentation released with Sybase Event Stream Processor.

Table 11. Documentation Changes for the Adapters Guide

CR#	Description
N/A	The section on the JMS adapter shows you how to configure a queuing system for the JMS adapter. It should also mention that, to run the adapter, you must obtain and place vendor specific JMS jar files in the <code>\$ESP_HOME/java</code> folder and restart the Server.
716766	The documentation incorrectly states the support provided for .NET as ".NET (C#, Visual Basic, and so on)." It should say: .NET (C#) This correction applies to <i>Custom Adapters</i> in the <i>Adapters Guide</i> and the <i>Studio Users Guide</i> , and to <i>What You Can Do with Sybase Event Stream Processor</i> in the <i>Getting Started Guide</i> .
717192	The description for the DB Service Name property in the ASE Output adapter section states that only Open Client™ connections are supported. It should also state that an Open Client entry must be used in the <code>service.xml</code> file to be able to use the ASE Output adapter. See the sample <code>service.xml</code> file in <code>ESP_HOME/bin</code> for more information on this property.
717862	The RTView adapter documentation incorrectly specifies version 1.6 of Java; it should be version 1.7.

Table 12. Documentation Changes for the Studio Users Guide



CR#	Description
680686	<p>The guide should state:</p> <p>When you create a duplicate named window or stream in the Visual Editor, then save your file and switch to the Text Editor, a third duplicate of the original stream or window is created. You can see this third duplicate only when you switch back to the Visual Editor.</p> <p>Remove this third duplicate:</p> <ol style="list-style-type: none"> 1. In the Visual Editor, click Remove all shapes from diagram  to clear out all the shapes. 2. Click Add all shapes  to get the original stream or window and the second duplicate stream or window back. 3. Give the duplicate stream window a unique name.
682387	<p>To redeploy a project after making changes to a running project:</p> <ol style="list-style-type: none"> 1. From the Authoring perspective, compile a project and start it. 2. In the Run-Test perspective, do some work with the project. 3. Stop the project. 4. In the Authoring perspective, make changes to the project and the start it. An error displays and the Run-Test console states that a failure occurred because the application already exists. This is because the project still exists on the server in a stopped state. 5. To redeploy, remove the project from the Run-Test server view, and then start the new version from the Authoring perspective.

Table 13. Documentation Changes for the CCL Programmers Guide

CR#	Description
643882	<p>Delta streams are allowed key transformation only when performing aggregation, join, or flex operations. Because a delta stream does not maintain state, you cannot define a delta stream on a window where the keys differ.</p>

Table 14. Documentation Changes for the Administrators Guide

CR#	Description
682458	There are undocumented restrictions on user name and password credentials for the interactive mode of the esp_cluster_admin tool. Credentials may contain alpha numeric characters but must always start with an alphabetic character. For example, password 12345678 is invalid, whereas P12345678 is valid.
682913	References to the "port number used by your Event Stream Processor installation" are referring to the port number of your cluster cache.
717192	<p>The <i>External Database Access</i> section should include information about using Open Client connections to connect to Adaptive Server Enterprise with the ASE Output adapter. You can only use Open Client connections with this adapter.</p> <p>The DriverLibrary parameter for Open Client connections to Adaptive Server Enterprise should be <code>esp_db_ocs_lib</code>. The connection block below is from the sample <code>service.xml</code> file in the <code>ESP_HOME/bin</code> directory that is provided with Event Stream Processor.</p> <pre data-bbox="387 737 1182 1041"> <!-- ONLY MEANT TO BE USED WITH ASE OUTPUT ADAPTER --> <Service Name="SampleOCSService" Type="DB"> <Parameter Name="DriverLibrary">esp_db_ocs_lib</Parameter> <Parameter Name="Host">localhost</Parameter> <Parameter Name="Port">5000</Parameter> <Parameter Name="User">sa</Parameter> <Parameter Name="Password"></Parameter> <Parameter Name="TDSPacketSize">2048</Parameter> <Parameter Name="AppName">ASEOutputAdapter</Parameter> </Service> </pre>

Table 15. Documentation Changes for the .NET SDK Guide

CR#	Description
648988	<p>The guide should state:</p> <p>In general terms, the return code from a Publish call indicates whether or not the row was successfully transmitted. Any error that occurs during processing on the Event Stream Processor (such as a duplicate insert) will not get returned. The precise meaning of the return code from a Publish call depends on the access mode and the choice of synchronous or asynchronous transmission.</p> <p>When using callback or select access mode, the return only indicates whether or not the SDK was able to queue the data. The indication of whether or not the data was actually written to the socket will be returned by the appropriate event. The callback and select access modes do not currently support synchronous publishing.</p> <p>When using direct access mode, the type of transmission used determines what the return from the Publish call indicates. If publishing in asynchronous mode, the return only indicates that the SDK has written the data to the socket. If publishing in synchronous mode, the return from the Publish call indicates the response code the Event Stream Processor sent.</p> <p>In no case will errors that occur during processing (such as a duplicate insert) be returned by a Publish call.</p>

Table 16. Documentation Changes for the Utilities Guide

CR#	Description
682458	<p>There are undocumented restrictions on user name and password credentials for the interactive mode of the esp_cluster_admin tool. Credentials may contain alpha numeric characters but must always start with an alphabetic character. The document also provides an invalid sample password of 1234.</p>

Obtaining Help and Additional Information

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

- The Getting Started CD (or download) – contains release bulletins and installation guides in PDF format, and may contain other documents or updated information.
- Product Documentation at <http://sybooks.sybase.com/> – is an online version of Sybase documentation that you can access using a standard Web browser. You can browse documents online, or download them as PDFs. In addition to product documentation, the

Web site also has links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, Community Forums/Newsgroups, and other resources.

- Online help in the product, if available.

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

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

Technical Support

Get support for Sybase products.

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

Downloading Sybase EBFs and Maintenance Reports

Get EBFs and maintenance reports from the Sybase Web site or the SAP® Service Marketplace (SMP). The location you use depends on how you purchased the product.

- If you purchased the product directly from Sybase or from an authorized Sybase reseller:
 - a) Point your Web browser to <http://www.sybase.com/support>.
 - b) Select **Support > EBFs/Maintenance**.
 - c) If prompted, enter your MySybase user name and password.
 - d) (Optional) Select a filter, a time frame, or both, and click **Go**.
 - e) Select a product.

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

- f) Click the **Info** icon to display the EBF/Maintenance report, or click the product description to download the software.
- If you ordered your Sybase product under an SAP contract:
 - a) Point your browser to <http://service.sap.com/swdc>.
 - b) Select **Search for Software Downloads** and enter the name of your product. Click **Search**.

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.