



Release Bulletin

SAP Control Center 3.3

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Product Summary

This release bulletin provides late-breaking information about SAP® Control Center (SCC). A more recent version may be available on the Web.

SAP Control Center 3.3 offers monitoring and administration capabilities for SAP database products.

In SCC 3.3, the name of the product changes to SAP Control Center. SCC 3.3 supports older product modules (Sybase® Control Center 3.2.x and earlier).

Because SCC 3.3 versions of some SCC product modules have not yet been released, you will continue to see references to the old product name, Sybase Control Center, in pre-3.3 product modules and in the documentation until all product modules are available at version 3.3.

For information on supported operating systems, see the *SAP Control Center Installation Guide*.

For information about new features in this version, see the new features topics in the online help for each SCC product module.

For information about accessibility, see *SAP Control Center Accessibility Information* on page 26 in this release bulletin.

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 SAP Control Center, see the *SAP Control Center Installation Guide*.

Installation and Implementation of SAP Control Center

Performance may be affected if you do not follow configuration and usage guidelines. For example, you may see UI errors, and collections may fail.

Installation:

For adequate performance, the SAP Control Center server machine must have at least two 2.4GHz processors and 4GB RAM.

Implementation:

Installation and Upgrade

- Resources – monitor no more than 250 resources with a single SCC server. To monitor more resources, distribute them over several SCC servers, with each SCC server on a separate machine.
- Collection jobs – set up only one collection for each collection type for each managed resource. See *Configure > Setting Up Statistics Collection* in the online help for your product module.

Note: Some collection jobs are created by default upon resource authentication. In the online help, see:

- *SAP Control Center for SAP[®] Adaptive Server[®] Enterprise > Configure > Setting Up Statistics Collection > SAP[®] ASE Data Collections*
 - *SAP Control Center for Replication > Configure > Setting Up Statistics Collection > Replication Data Collections*
 - *SAP Control Center for Data Assurance > Configure > Setting Up Statistics Collection > Data Collections for Replication Server Data Assurance Option*
 - *Sybase Control Center for SAP[®] Sybase Event Stream Processor > Configure Sybase Control Center > Setting Up Statistics Collection > Event Stream Processor Data Collections*
 - *SAP Control Center for SAP[®] Sybase IQ > Configure SAP Control Center > Setting Up Statistics Collection > SAP Sybase IQ Data Collections*
-
- Repository – do not turn purge off unless you configure purging as part of a scheduled backup. By default, purge is turned on and set to execute daily. In the online help, see the topics on scheduling backups of the repository and configuring repository purging.

Choosing an Installer

The installer you use for SAP Control Center depends on your managed product.

To install SCC for...	Use this installer
SAP Adaptive Server Enterprise	SAP ASE
SAP Sybase Event Stream Processor	SAP Sybase Event Stream Processor
SAP Sybase IQ	SAP Sybase IQ
Replication products (SAP Replication Server, Replication Agent, Mirror Replication Agent, and Data Assurance)	SAP Control Center

The installers can install either the SCC server, also known as the management user interface, or the SCC remote command and control agent. To ensure that you install the SCC component you want, choose a custom installation and select installation options manually.

Even if you do not use the dedicated SCC installer, SAP recommends that you read the SAP Control Center *Installation Guide* because it contains important information on planning your SCC deployment, on upgrading SCC, and on installation options related to SCC.

Supported Server Versions

Server versions that support managing and monitoring by SAP Control Center.

Managed Server or Agent	Version
SAP Adaptive Server Enterprise	Non-clustered SAP ASE, monitoring and administration: 15.0.2 or later Non-clustered SAP ASE, monitoring only RepAgent threads for SAP Control Center for Replication: 12.5.4 or later SAP ASE Cluster Edition, monitoring and administration: 15.0.3 through version 16.0
Data Assurance	15.7.1 or later
Replication products	SAP Replication Server [®] : 12.6 or later Replication Agent [™] : 15.0 or later Mirror Replication Agent: 15.0 or later
SAP Sybase Event Stream Processor	5.1 or later
SAP Sybase IQ	Monitoring: 15.3 or later Administration: 15.3 or later

Supported Product Modules and Release Documents

Product module and release document versions for this release of SAP Control Center.

Use the product module list below to determine whether you have the most recent version of an SCC product module. You can download new and updated product module plug-ins from the Web.

If you still have a support contract with Sybase, go to downloads.sybase.com. After you download the installer, consult the installation guides for SCC and for your managed product for detailed instructions. The guides are available on the Web at help.sap.com.

If you have a support contract with SAP:

Installation and Upgrade

1. Go to the SAP Software Download Center at service.sap.com/swdc
2. Download the SAP Download Manager.
3. Return to the Download Center and select **Installations and Upgrades**.
4. In the A-Z index, find and click a product you manage with SCC. (SCC is included in managed product installers.)
5. Download the installer for the managed product and use it to install SCC. Consult the installation guides for SCC and for the managed product for detailed instructions. The guides are available on the Web at help.sap.com.

Note: The list shows the most recent SCC product modules. SCC 3.3 supports SCC product module versions 3.3 and earlier.

Product Modules Supported by SAP Control Center 3.3
SAP Control Center 3.3 for Replication
SAP Control Center 3.3 for Data Assurance
SAP Control Center 3.3 for SAP Adaptive Server Enterprise
SAP Control Center 3.3 for SAP Sybase IQ
Sybase Control Center 3.2.7 SP03 for SAP Sybase Event Stream Processor

Note: SAP provides new products for monitoring the most recent versions of SAP ESP and SAP IQ:

- SAP ESP Cockpit 5.1 SP08
- SAP IQ Cockpit 16.0 SP08

Use this list to identify the correct release bulletin and installation guide on the Web at help.sap.com.

Release Documents for SAP Control Center 3.3
Release Bulletin: SAP Control Center 3.3 (this document)
Installation Guide: SAP Control Center 3.3
Note: Use the SCC <i>Installation Guide</i> in conjunction with the installation instructions for your managed product.

Note: Documentation on the Web sites may be revised at any time. SAP recommends that you check periodically for updates.

Known Issues

Learn about known issues and workarounds for SAP Control Center.

Known Issues for Installation, Upgrade, and Deployment

Known issues and workarounds for installing, upgrading, and deploying SAP Control Center.

Change Request Number	Description
711014	<p>The pluggable authentication module (PAM) configuration file (<code>sybase-csi</code>) supplied with SCC does not support Linux RedHat 6.0.</p> <p>Workaround: Create a <code>sybase-csi</code> file that contains:</p> <pre>auth include system-auth account include system-auth password include system-auth session include system-auth</pre> <p>For more information on <code>sybase-csi</code> files, see <i>Get Started > Setting Up Security > Configuring a Pluggable Authentication Module (PAM) for UNIX</i> in the SCC online help.</p>

Known Issues for SAP Control Center

Known issues and workarounds for SAP Control Center core functionality, which is present in all product modules.

Change Request Number	Description
735382 735386	<p>An operating system issue can prevent SCC from starting in some versions of Linux.</p> <p>Errors report that the SQL Anywhere <code>scc_repository</code> database cannot be started. Related SQL Anywhere CRs: 734192, 728597.</p> <p>The OS issue is a possible transparent huge page bug in Red Hat Enterprise Linux 6 and other Linux distributions with kernel versions greater than 2.6.38. The Red Hat tracking number is 891857.</p> <p>Workaround: If SCC fails to start on a host running Linux, particularly RHEL 6 or later, and you see errors about the <code>scc_repository</code> database, set the environment variable <code>SA_DISABLE_DIRECTIO</code> to 1 and start SCC again.</p>

Change Request Number	Description
721981	<p>When you use a 64-bit version of Internet Explorer 8 or 9 to read SCC online help, graphics may fail to load.</p> <p>Each missing graphic is replaced with a red X. The problem is most noticeable on the landing page when you first open the online help.</p> <p>Workaround: Use an earlier or a 32-bit version of IE, or use another browser.</p>
721119	<p>Script execution is not logged as expected on UNIX.</p> <p>Alert-triggered script executions are not being recorded in SCC-3_2\log\alert-server.log or SCC-3_3\log\alert-server.log as they are supposed to be. Information about the execution from the Remote-Shell Service's ProcessRunner is appearing in SCC-3_2\log\agent.log or SCC-3_3\log\agent.log, but this is not the alert script execution code that we expect to see logged in alert-server.log.</p> <p>Workaround: None.</p>
697145	<p>You cannot use incremental backups of the SCC repository to recover the database.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. Shut down SCC. 2. Open this file in a text editor: SCC 3.2.x: SCC-3_2/services/SccSADataserver/service-config.xml SCC 3.3: SCC-3_3/services/SccSADataserver/service-config.xml 3. Delete this line: <pre><set-property property="com.sybase.asa.database.options" value="-m" /></pre> 4. Save the changes and start SCC. <p>You can restore the repository database using incremental backups taken after this change.</p>
587717	<p>Datatypes in monitoring views and the statistics chart appear in fixed locations on the browser screen regardless of where the chart is located. If you move the chart on the screen, the datatypes do not move with the chart.</p> <p>(A datatype is a tooltip that displays the data value for a particular spot on a graph or chart when you mouse over that spot.) This occurs in all product module plugins.</p> <p>Workaround: None. This is an Adobe Flex SDK issue.</p>

Change Request Number	Description
576129	<p>Pressing F5 to refresh your browser logs you out of SCC.</p> <p>Browser refresh does not refresh data inside SCC, but refreshes the loaded application or pages in the browser—in this case, the Adobe Flash on which SCC is built. Consequently, pressing F5 logs you out of any servers you are currently logged in to, including SCC.</p> <p>Workaround: Do not use F5 when you are logged in to SCC.</p>
560601	<p>Cannot log in because the SCC HTTP redirect fails when you use IPv6 format.</p> <p>If you use an IPv6 HTTP URL for SCC, it does not redirect to HTTPS as it should. For example, this URL does not work:</p> <pre>http://myscc64.v6:8282/scc</pre> <p>Workaround: Use a URL with the HTTPS format and port to connect to SCC in IPv6 networks. For example:</p> <pre>https://myscc64.v6:8283/scc</pre>

Known Issues for SAP® Adaptive Server® Enterprise

Known issues and workarounds for SAP Control Center for SAP® ASE.

Change Request Number	Description
756290	<p>Read-only databases are not displayed when listing databases and segments. This occurs even though the authentication user is a database user with mon_role.</p> <p>Workaround: Reauthenticate the SAP ASE server to synchronize the alert tree with SAP ASE objects.</p>
695138	<p>SAP Control Center cannot authenticate with the Unified Agent installed with version 15.5.x (Unified Agent 2.5) using the default password for earlier versions of the Unified Agent.</p> <p>You see this error:</p> <pre>User 'uafadmin' failed to authenticate with server 'ASE155x' agent. Login failed: No successful loginmodules. Please check credentials.</pre> <p>Workaround: Use the new default password, Sybase4me, to authenticate Unified Agent. SAP recommends that you change the default password immediately.</p>

Change Request Number	Description
690795	<p>After you change the kernel mode and restart the SAP ASE server, the SAP Control Center monitor view may not update correctly, or may not correctly display that the kernel has been changed.</p> <p>When you change the kernel mode from either threaded to process or process to threaded in the Configuration screen of SAP Control Center, and then restart the server, the monitor view may not update correctly or threads may still be displayed after changing to process mode.</p> <p>Workaround: When you change the server kernel mode in ASE 15.7 or higher, you may need to complete the following steps to correctly display this resource in the monitor view.</p> <ol style="list-style-type: none"> 1. Close the monitor dialog view. 2. Restart the Adaptive Server. 3. Clear and reauthenticate the server. 4. Open the monitor view for your resource.
618901	<p>Authentication of Unified Agent for ASE 15.5 or earlier fails on Windows.</p> <p>The attempt to authenticate the SAP Control Center with the Unified Agent managing an Adaptive Server fails when all these conditions are met:</p> <ul style="list-style-type: none"> • The version is 15.5 or earlier. • SAP ASE is running on the Windows 32-bit or 64-bit platforms. • The Unified Agent is configured to use the NT login module. • You attempt to authenticate using the Windows login and password. <p>Workaround: Upgrade to ASE 15.5 ESD #1 or later.</p> <p>With version 15.5, use the Simple Login Module of the Unified Agent to maintain a local list of logins and passwords for each Unified Agent installation. When you use the Simple Login Module, you must encrypt the password values using the passencrypt utility that is part of the Unified Agent installation.</p>
616855	<p>The allocation information about devices for an SAP ASE server that is configured to use the Chinese language and character set appears in Chinese rather than in English.</p> <p>To see allocation information, select Databases in the Adaptive Server Enterprise Monitor, then click the Devices Used tab.</p> <p>Workaround: None.</p>

Change Request Number	Description
613300	<p>Errors are reported on the SAP Control Center console if a managed SAP ASE resource is unavailable.</p> <p>Workaround: To prevent repeating error messages:</p> <ol style="list-style-type: none"> 1. In the Perspective Resources view, select the server resource and click the drop-down arrow that appears to the right. 2. Select Properties. 3. Select Collection Jobs. 4. Select all listed jobs. 5. To suspend all collections on the server resource, click Suspend. 6. To start collections when the server resource is available, click Resume.
596022	<p>The Adaptive Server Enterprise Monitor screens for a cluster may not respond while a failover operation is occurring in the cluster.</p> <p>Workaround: None.</p>
589902	<p>In some cases, SAP Control Center displays incorrect values for size and amount of space used by a segment in cluster configurations.</p> <p>This affects the data and charts that appear on the Details tab of the Segments screen in the Adaptive Server Enterprise Monitor.</p> <p>Workaround: None.</p>

Known Issues for Data Assurance

Known issues and workarounds for SAP Control Center for Data Assurance.

Change Request Number	Description
732265	<p>The DA server version info is not always displayed in Resource views.</p> <p>The DA server version can only be loaded successfully during initial registration. So if the credentials are not entered at that time or incorrect information is entered, SAP Control Center for Data Assurance is unable to acquire the server's version details.</p> <p>Workaround: Unregister, then reregister the DA server using valid credentials.</p>

Change Request Number	Description
727867	<p>The import database connection feature in SAP Control Center for Data Assurance does not provide an option to specify a database name.</p> <p>When you import a connection through Data Assurance Servers > Database Connection > Import Connection from the Administration Console, the connection is successfully created, however, the name of the database that is specified for the connection is the name of the SAP ASE from the interfaces file, which may not be the desired database name as SAP ASE has the concept of multiple databases.</p> <p>Workaround: After creating the connection using Import Connection, edit the properties of the connection to specify the database name that you want. To edit the connection properties:</p> <ol style="list-style-type: none"> 1. In the Perspective Resources view, select a DA server. 2. Select Resource > Administration Console. 3. Expand Data Assurance Server, then select Database Connection. 4. Select the database connection created via import. 5. Click the button that appears when you select the database connection, then select Properties. 6. In the database connection properties window, specify the database name that you want in the Database field.
727771	<p>Test agent connection fails when selected in Properties window.</p> <p>When you click Test from the Create Agent Connection Wizard after providing the necessary information, the connection test succeeds. But when you click Test from the agent connection properties window of an agent connection you just created, the connection test fails. This is because SAP Control Center for Data Assurance does not save the password in the agent connection properties.</p> <p>Workaround: Reenter the password on that same agent connection properties window before clicking Test.</p> <p>To do this:</p> <ol style="list-style-type: none"> 1. In the Perspective Resources view, select a DA server. 2. Select Resource > Administration Console. 3. Expand Data Assurance Server, then select Data Assurance Agent Connections. 4. Select the agent connection you just created. 5. Click the button that appears when you select the agent connection, then select Properties. 6. In the agent connection properties window, enter the agent password, then click Test.

Change Request Number	Description
726399	<p>SAP Control Center for Data Assurance fails to create a database connection when selecting RSSD as the database type.</p> <p>Workaround: None.</p>
696767	<p>Administration Console options in the Properties dialog (Application > Administration > General Settings > Administration Console) let you set time-out and row count thresholds for data retrieval. These settings have no effect in SCC for Data Assurance.</p> <p>Workaround: None.</p>
670225	<p>You cannot rename objects you create in Data Assurance or SAP Control Center.</p> <p>Objects include agent connections, database connections, comparesets, and jobs.</p> <p>Workaround: Create a new object with the desired name and delete the old one.</p>

Known Issues for Replication

Known issues and workarounds for SAP Control Center for Replication.

Change Request Number	Description
753487	<p>SAP Replication Agent thread monitoring in SCC for Replication does not work in an SAP ASE 16.0 environment configured to use synchronous mode.</p> <p>The SCC RepAgent Thread monitor cannot display controlling Replication Servers when it monitors an SAP ASE Replication Agent in synchronous mode.</p> <p>Workaround: None.</p>
697776	<p>No data is displayed for SAP Adaptive Server Enterprise RepAgent sender threads in the Replication Path Dashboard using alternate connections.</p> <p>Workaround: Query the new SAP ASE MDA tables to get statistics for the new RepAgent senders. These are the new MDA tables:</p> <ul style="list-style-type: none"> • monRepLogActivity • monRepScanners • monRepScannersTotalTime • monRepSenders

Change Request Number	Description
696767	<p>Administration Console options in the Properties dialog (Application > Administration > General Settings > Administration Console) let you set timeout and row count thresholds for data retrieval. These settings have no effect in SAP Control Center for Replication.</p> <p>Workaround: None.</p>
696166	<p>The Adaptive Server Monitor Replication Agent tab does not display the RepAgent thread sender connection names. However, it shows the list of the controlling SAP Replication Servers for each RepAgent.</p> <p>Workaround: Open the Replication Server Monitor Connections tab for each controlling SAP Replication Server. The tab displays the connection names for the SAP ASE RepAgents. You can also log in to SAP Replication Server and use the admin who command to derive this information.</p> <p>To access the Replication Server Monitor Connections tab:</p> <ol style="list-style-type: none"> 1. From the Perspective Resources view, select the controlling SAP Replication Server and click Resource > Monitor. 2. Click Connections.
687149	<p>SAP Control Center for Replication may not have descriptions for some SAP Replication Server 15.7.1 configuration parameters.</p> <p>Workaround: See the <i>Replication Server 15.7.1 Reference Manual</i> for information on the parameters with missing descriptions. The manual is available on the SAP Help Portal at help.sap.com.</p>
686837	<p>A queue graph for intermediate SAP Replication Server is missing in the Replication Path dashboard.</p> <p>When you open the Path dashboard, the SAP ASE Replication Agent thread always displays zero.</p> <p>Workaround: Upgrade SAP ASE to 15.0.3 or later.</p>
619385	<p>Gaps may appear in the stacked columns of the latency monitoring history chart.</p> <p>Only the latency monitoring collection start and end times are available when populating the latency monitoring history chart. If more than one rs_ticket is collected, only one time, that is, one column, is reported in the chart for both tickets. This appears as a gap in the stacked columns.</p> <p>Workaround: None.</p>

Change Request Number	Description
619382	<p>Latency cannot be obtained for non-ASE replicate databases.</p> <p>SAP Control Center monitors latency in two different ways: by reading the rs_lastcommit table at the replicate database (the default) or, when configured, by reading the rs_ticket_history table at the replicate database. The rs_ticket_history table is used by latency monitoring, which provides the ability to configure connectivity information to non-Sybase/non-SAP replicate databases. However, the default latency monitoring using rs_lastcommit does not, thus SAP Control Center cannot access the rs_lastcommit table in non-Sybase/non-SAP replicate databases. Consequently, the Latency chart displays zero latency. This is also true for the Latency chart in the Path dashboard.</p> <p>Workaround: To monitor latency to non-Sybase/non-SAP replicate databases, configure and use latency monitoring. See the <i>SCC Installation Guide</i> for details.</p>
617051	<p>Status is not updated automatically when a latency monitoring process completes.</p> <p>After a latency monitoring process completes, its status continues to show as “Running” in the Monitor > Paths view.</p> <p>Workaround: To refresh the path status, click anywhere else in the pane to change the focus away from the path, then click the path again.</p>
616460	<p>Connection arrows in the topology view depend on correctly defined connections.</p> <p>The direction in which a connection arrow points in the topology depends on how the SAP Replication Server connection is defined. If a primary connection definition is used for a replicate-only connection to a non-Sybase/non-SAP data target, the connection arrow between SAP Replication Server and the non-Sybase/non-SAP data target may point in the wrong direction, from the target instead of to the target.</p> <p>Workaround: When creating the SAP Replication Server connection definition to the non-Sybase/non-SAP replicate database, omit the with log transfer clause that is used for creating a primary connection definition.</p>
614419	<p>Multiple error messages appear when a single SAP Replication Server goes down.</p> <p>When a monitored SAP Replication Server goes down, several error messages are recorded in the <code>SCC agent . log</code>. The correct error message is reported by all monitored SAP Replication Servers, making it appear that the error message may be coming from other SAP Replication Servers.</p> <p>Workaround: None.</p>

Change Request Number	Description
611190	<p>When you configure Replication Agent parameters in the Quick Admin view while in the replicating state, the changes appear when you select “Show changes applied this session” even though they have not been successfully applied.</p> <p>Workaround: None.</p>
611023	<p>An empty value for the <code>pdb_xlog_device</code> parameter shows as invalid in the Quick Admin view for Replication Agent, even though an empty value is valid.</p> <p>Workaround: None.</p>
578836	<p>SAP Replication Server data collections fail if the replication access library stored procedures are removed from the SAP Replication Server System Database (RSSD).</p> <p>Workaround: Unregister, then reregister the SAP Replication Server with SAP Control Center.</p>
565911	<p>When you open a Path dashboard, the RepAgent thread graph does not appear.</p> <p>Workaround: SAP Replication Server is case-sensitive. The SAP ASE name and the connection and route names must match, including case. If the case is different, unregister the SAP ASE, then reregister it using the correct case.</p>
563885	<p>The “Launch Statistics Chart” option is missing when you right-click an SAP ASE registered for replication.</p> <p>Workaround: None.</p>
562600	<p>The “Run the job: Once” and “Run the job: Repetitively” options (or “Repeat once” and “Repeat indefinitely”) are not supported for SAP Replication Server data collection jobs.</p> <p>If you select one of these options, the job is created, but SCC does not collect the statistics. Instead, it writes an error message to the SCC console and log file.</p> <p>Workaround: Change the job option to Until (or Repeat until) and specify a date for the job to stop running.</p>
559160	<p>SAP Replication Server performance statistics collection does not support SAP Replication Server 12.6 and 15.0.</p> <p>The monitor and counters interface in versions 12.6 and 15.0 differs from the interface in SAP Replication Server 15.0.1 and later.</p> <p>Workaround: None.</p>

Known Issues for SAP Sybase Event Stream Processor

Known issues and workarounds for Sybase Control Center for SAP® Sybase Event Stream Processor.

Change Request Number	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>Workaround: Use the “Sybase Control Center for Event Stream Processor” link in the left pane.</p>

Known Issues for SAP Sybase IQ

Known issues and workarounds for SAP Control Center for SAP Sybase IQ.

Change Request Number	Description
762876	<p>You cannot use SCC to install a Java class on an SAP IQ server.</p> <p>When you try to install a Java class, SCC might display an error saying the external executable could not be found. Running <code>SELECT db_property('JAVAVM')</code> ought to return the location of <code>java.exe</code> or <code>java</code>, but it returns nothing.</p> <p>Workaround: This is a configuration problem. To enable the SAPIQ server to support Java in the database, run this SQL:</p> <pre>Windows: alter external environment java location 'C:\ \sap\server\Shared\SAPJRE-7_1_015_64BIT\bin\ java.exe'; UNIX: alter external environment java location '// opt//sap//server//shared//SAPJRE-7_1_015_64BIT// bin//java';</pre> <p>Note: If necessary, change the path above to match your installation directory and its shared Java directory.</p>

Change Request Number	Description
749693	<p>The agent status for a multiplex server is unknown.</p> <p>A multiplex server may display Agent Status "Unknown" in Admin Console > Multiplex Servers when the agent is running and has been previously authenticated. If you reauthenticate the agent, the status soon returns to "Unknown."</p> <p>Workaround: In the Resource Explorer, unregister and reregister the multiplex resource.</p>
748912	<p>You cannot change the TDS port number during installation.</p> <p>TDS, or Tabular Data Stream, is a common application protocol that SCC servers and SCC agents use to exchange information. The TDS port number is set to 9998 and enabled by default during installation. Choosing an alternate TDS port number is not currently an option within the SAP Sybase IQ installer.</p> <p>If the TDS port is in use by another application, SCC might fail to start or function properly.</p> <p>Workaround: To identify and resolve TDS port conflicts:</p> <ol style="list-style-type: none"> 1. Shut down SCC according to the method you used to start it. For example, if you started from a command line, stop the background process or enter shutdown at the <code>scc-console</code> prompt. If you are running SCC as a service, stop the SAP Control Center service. 2. To return a list of SCC ports indicating whether each port is in use, enter: Windows: <code>scc --info ports</code> UNIX: <code>scc.sh --info ports</code> Any port in use when SCC is not running is likely to have a conflict. 3. If you identify a port conflict, change the TDS port to a port in the range 1025 to 65535 that is not in use by another application. For example: Windows: <code>scc --port tds=9997</code> UNIX: <code>scc.sh --port tds=9997</code>
747312	<ul style="list-style-type: none"> • Alert wizard - New member for logical server not shown – After you add a new member to a logical server using a method other than SCC (for example, dbisql), the Alert Wizard for that logical server does not display the new member. • Workaround: – Open Logical Server Properties for the logical server to the Membership page, uncheck the member added outside SCC, click Apply, then recheck the member and click Apply/OK. Now that member node displays.

Change Request Number	Description
746237	<ul style="list-style-type: none"> • Create Dbspace wizard - Multiplex Node drop-down list is empty – From the Perspective Resources view, if you select an IQ Server representing a multiplex node, and then open the Create Dbspace wizard from the Administration Console, clicking the drop-down arrow next to Multiplex Node displays an empty list. • Workaround: – From the Perspective Resources view, select the IQ Multiplex, not an IQ Server representing a multiplex node. Open the Administration Console and start the Create Dbspace wizard. Multiplex nodes display when you click the drop-down arrow next to Multiplex Node.
729451	<p>You cannot grant or revoke permissions on a proxy table.</p> <p>The functionality to grant and revoke object-level permissions on a proxy table at the table level is not currently implemented in SCC.</p> <p>Workaround:</p> <ul style="list-style-type: none"> • Grant the object-level permissions at the user, group (15.3 and 15.4) or role (16.0) level. • Use Interactive SQL to grant the object-level permissions at the table level.
724206	<p>User impersonation does not work.</p> <p>The functionality to configure one user to temporarily assume the roles and system privileges of another user (known as impersonation) is not currently implemented in SCC.</p> <p>Workaround: Use Interactive SQL.</p>
723112	<p>Performing a task that includes database validation on a SUSE platform causes a server error.</p> <p>The process fails with the message:</p> <pre>SCC Agent <host_name>:9999 does not know Sybase IQ version string. Something is wrong with the IQ Agent plug-in</pre> <p>Workaround:</p> <ol style="list-style-type: none"> 1. Shut down SAP Control Center. 2. Log on as root. 3. Execute: <code>ln -s /usr/bin/env /bin/env</code> 4. Restart SAP Control Center. 5. Log on as the original user. 6. Retry the task.

Change Request Number	Description
716431	<p>Dual control password management does not work.</p> <p>When the Change Password Dual Control option is enabled in a user login policy, an error message appears if you attempt to change the user password. Dual control password management is not currently implemented in SCC.</p> <p>Workaround: Use Interactive SQL to change the user's password.</p>
696767	<p>Administration Console options in the SCC Properties dialog (Application > Administration > General Settings > Administration Console) let you set timeout and row count thresholds for data retrieval. These settings have no effect in SAP Control Center for SAP Sybase IQ.</p> <p>Workaround: None.</p>
686963	<p>If you use Server Properties to change the server configuration, and you also make changes at Request Logging or Options pages, the server configuration process runs but does not make the additional changes.</p> <p>Workaround: Make changes in Server Properties from individual pages and click OK for each page.</p>
685207	<p>The Liveness Timeout value for multiplex secondary servers always appears as 0 seconds in the INC Properties dialog.</p> <p>Even if you leave the value at the default (120 seconds) or set it in the Configuration Editor and restart, the INC Properties dialog displays a Liveness Timeout of 0 seconds. The value is correct on the server; only the display is wrong.</p> <p>Workaround: In the SCC Administration Console:</p> <ol style="list-style-type: none"> 1. In the left pane, expand IQ Servers > Multiplex Management and select Multiplex Servers. 2. In the right pane, select a server and click the drop-down arrow that appears to the right. 3. Select Properties. 4. In the left pane of the properties dialog, select Server Properties. 5. In the right pane, enter <code>liv</code> in the filtering field above the Name column. This filters out all the properties except Liveness Timeout.

Change Request Number	Description
676665	<p>If you change the database location, restart the server, and later try to change back to the previous location, the server fails to start.</p> <p>The failure occurs because old database files remain in place when you change to a new location. If you change back to an old location, the server finds out-of-date files.</p> <p>To view or change the path to the database location:</p> <ol style="list-style-type: none"> 1. In the Administration Console, select IQ Servers. 2. Select a server in the right pane and click the drop-down arrow that appears next to the server's name. 3. Select Properties. 4. In the left pane of the properties dialog, select Configuration. <p>Workaround: Before changing back to the old location, remove the <code>.db</code>, <code>.iqmsg</code>, and <code>.Imp</code> files from the old location. If they exist, also remove <code>params.cfg</code>, <code>start_server.sh</code>, and <code>stop_server.sh</code>.</p> <hr/> <p>Note: Do not remove <code>.iq</code>, <code>.iqtmp</code>, and <code>.log</code> files. Doing so may prevent your server from starting.</p>
676218	<p>When you modify property values in the Dbspace Properties dialog in the Administration Console, changes to dbspace properties that should propagate to the DB Files Properties dialog do not automatically do so.</p> <p>Workaround: If your changes to the Dbspace Properties dialog do not appear in the DB Files Properties dialog:</p> <ol style="list-style-type: none"> 1. Close the DB File Properties dialog. 2. Click DB Files in the left pane of the Administration Console. 3. In the Folder menu, select Refresh. 4. Select the dbfile in the right pane, click the drop-down arrow, and select Properties.
676079	<p>In the Configuration File Editor, the Maximum Output File Size uses kilobytes as the default. There is no way to specify MB or GB.</p> <p>Workaround: In the <code>params.cfg</code> file in the database directory, set the value with the <code>-zs</code> switch. Use K, M or G after the numerical value. For example: <code>-zs 4000K</code>, <code>-zs 240M</code>, or <code>-zs 30G</code>.</p>
676076	<p>In the Debug page of the Configuration File Editor, the following logging levels are missing from the Debug Level drop-down: "other," "procedures," "triggers," "plan," "hostvars," "replace," and "blocks."</p> <p>Workaround: To set the debug level to any of the missing levels, set the <code>-zr</code> switch in the <code>params.cfg</code> file in the database directory. You can include more than one level. For example: <code>-zr procedures, triggers, plans</code>.</p>

Known Issues

Change Request Number	Description
670173	<p>The Database Options, Group Options, and User Options dialogs do not allow these actions provided in Sybase Central: Create Options, Remove Options, and Mark Options as Permanent.</p> <p>(Sybase Central is now known as SQL Central.)</p> <p>Workaround: Use Interactive SQL to configure the options.</p>
669571	<p>The Administration Console Execute SQL window returns no status for successful queries that return no results.</p> <p>Interactive SQL users expect a message like <code>Execution time: 0.01 seconds</code>.</p> <p>Workaround: None.</p>
667667	<p>If an SAP Sybase IQ simplex server that is registered with SAP Control Center is converted to a multiplex server using anything other than this instance of SCC (including another instance of SCC or the command line), the current SCC does not detect the conversion and continues to display the server as simplex.</p> <p>Workaround: Reauthenticate the simplex resource so that SCC displays it as multiplex.</p>
666382	<p>Authentication can take a very long time, especially when the resource is a multiplex.</p> <p>In some cases, the authentication dialog fails to dismiss.</p> <p>Workaround: You can safely click Cancel to dismiss the Authentication dialog at any time after you click OK.</p>

Known Issues for Accessibility

Known issues and workarounds for accessibility in SAP Control Center.

Change Request Number	Description
648803	<p>The NVDA screen reader reads the wrong data for rows in the Perspective Resources view.</p> <p>Workaround: None.</p>

Change Request Number	Description
616081	<p>Customized display settings not inherited during installation.</p> <p>The following display customizations are not inherited by SCC installer dialogs:</p> <ul style="list-style-type: none"> • Large user-selected fonts do not affect installer message font size, and the installer message font size remains the same. • Narrator screen-reader application announces wizard pages, headers, and typed characters, but does not announce any information within the windows, license agreements, or menus. • High-contrast and color settings affect installer messages, headers, menus, and buttons, but they do not affect the background color of the main wizard panes. Since the background color of wizard panes is not changed to high contrast mode, some messages on it are illegible. <p>Workaround: Install SCC using console mode.</p>
615036	<p>In the Collection Job wizard, some keys take you out of the table of collections to the side pane.</p> <p>Keys that move your focus away from the table of collections are Page Up, Page Down, Home, End, and arrow keys.</p> <p>Workaround: Press the Tab key to revert focus to the table of collections.</p>
614800	<p>You cannot gain focus from the keyboard to the right-click context menu to extend, resize, or add buffer pools on Adaptive Server views, screens, or tabs.</p> <p>Workaround: Use the mouse to gain focus.</p>
614618	<p>Changing the system fonts or font colors has no effect on SCC.</p> <p>Workaround: None. This is an Adobe Flex issue.</p>
614246	<p>Hover-over text for min, max, and resize controls in SCC windows is not announced by screen readers.</p> <p>Workaround: None.</p>
614243	<p>Chart contents are not announced by screen readers.</p> <p>Workaround: Some charts have a Data tab that contains the chart data. This data cannot be read by screen readers.</p>
614023	<p>Ctrl+ and Ctrl- do not affect font sizes.</p> <p>Workaround: Use Ctrl-Alt + and Ctrl-Alt - to change font sizes.</p>
611421	<p>You cannot gain focus on the min-max icons via the keyboard or from screen readers on Adaptive Server views or screens.</p> <p>Workaround: Use the mouse to gain focus.</p>

Change Request Number	Description
590271	<p>Installer UI: The magnifier utility does not follow focus changes when the keyboard is used.</p> <p>The windows screen magnifier does not follow the Hot keys and Tab key focuses when navigating in the InstallAnywhere installation wizard.</p> <p>Workaround: Use the mouse to gain magnifier focus.</p>
578870	<p>You can tab through all windows, but the window with focus does not come to the front.</p> <p>Workaround: Use View > Select > <window> to bring the window forward.</p>
563523	<p>You cannot tab to the User Name field on the login screen with the Firefox browser.</p> <p>Workaround: Use Internet Explorer.</p>
562210	<p>You cannot gain focus in certain sections of Adaptive Server client screens.</p> <p>Workaround: None.</p>

Documentation Changes

Updates, corrections, and clarifications to the documentation released with SAP Control Center 3.3.

All SCC Help: Prerequisite Omitted from Topics that Involve Starting SCC

In the online help:

- *Get Started > Launching SAP Control Center*
- *Get Started > Launching SAP Control Center > Starting and Stopping SAP Control Center in Windows*
- *Get Started > Launching SAP Control Center > Starting and Stopping SAP Control Center in UNIX*

In the *Installation Guide*:

- *Starting and Stopping SAP Control Center > Starting and Stopping SAP Control Center in Windows*
- *Starting and Stopping SAP Control Center > Starting and Stopping SAP Control Center in UNIX*

This prerequisite is missing from the topics on starting:

Ensure that your home directory—that is, the home directory of the user who starts SAP Control Center—is writable from the SAP Control Center host. If the starting user cannot

write to the home directory, SAP Control Center logs an error and fails to launch. Resetting the user's HOME environment variable to a writable directory does not solve the problem. Both Windows and UNIX are affected. CR #752350.

SCC for SAP Sybase IQ Help: Step Omitted for Configuring High Availability

In the online help: *Administer and Monitor SAP Sybase IQ > Multiplex Servers > Administer Multiplex Servers > Viewing or Modifying Multiplex Server Properties*

A step was omitted from the SAP Control Center 3.3 for SAP Sybase IQ online help for configuring High Availability.

If you enable and configure the High Availability option, complete the procedure (steps 4 and 5). Then start Interactive SQL, connect to the coordinator, and issue this command:

```
ALTER LS POLICY root ENABLE_AUTOMATIC_FAILOVER=ON
```

SCC for SAP Sybase IQ Help: Node Fails to Restart when High Availability Is Enabled

In the online help: *Troubleshoot SAP Control Center for SAP Sybase IQ > Node Fails to Restart when High Availability Is Enabled*

This new troubleshooting topic was omitted from the SAP Control Center 3.3 for SAP Sybase IQ online help.

Problem: High Availability is configured and enabled, but a node that experiences an unexpected failure does not automatically restart.

Solution: Start Interactive SQL, connect to the coordinator and issue the command:

```
ALTER LS POLICY root ENABLE_AUTOMATIC_FAILOVER=ON
```

SCC for SAP Sybase IQ Help: PAM for Red Hat Enterprise Linux 6.0 and later

In the online help: *Get Started > Setting Up Security > Configuring a Pluggable Authentication Module (PAM) for UNIX*

The Red Hat example in the online help is not correct. For Red Hat 6.0 and later, create a sybase-csi file in your /etc/pam.d directory that contains:

```
# sybase-csi PAM Configuration (Red Hat style)
auth    include      system-auth
account include      system-auth
password include     system-auth
session include     system-auth
```

SCC for Replication Help: Authenticating a Login Account for a Managed Resource

In the online help: *Configure > Authenticating a Login Account for a Managed Resource*

SCC for Replication does not support the **Use my current SCC login** feature. When you are authenticating a Replication Server, select **Specify different credentials** in step 4.

SCC for DA Help: SSL Support in Replication Server Data Assurance Option

The documentation for the SSL support feature in Replication Server Data Assurance (DA) Option 15.7.1 is not included in the Sybase Control Center for Data Assurance online help. The remote method invocation (RMI) communication between Sybase Control Center for Data Assurance and DA server can be encrypted using Secure Sockets Layer (SSL)/Transport Layer Security (TLS).

For detailed information on the SSL support in DA, see *Replication Server Data Assurance Option 15.7.1 > Users Guide > Security and Access Control*.

Launching the Administration Console

Some topics in the online help do not give the steps for launching the Administration Console that are best suited to the task described. The Administration Console can display information for a single resource, for a group of resources, or for all resources in the current perspective.

- To populate the Administration Console with information on one or more resources: in the Perspective Resources view, select the resources and select **Resource > Administration Console**. This method is fastest.
- To populate the Administration Console with information on all the resources in the current perspective: from the main menu bar, select **View > Open > Administration Console**. If you are monitoring a large number of resources, the Administration Console may take a few minutes to load. CR #668582.

Obtaining Help and Additional Information

Use the Product Documentation site and online help to learn more about this product release.

- Product Documentation at <http://sybooks.sybase.com/> – online documentation that you can access using a standard Web browser. You can browse documents online, or download them as PDFs. The Web site also has links to other resources, such as white papers, community forums, maintenance releases, and support content.
- 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 SAP® 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 Technical Support as specified in your contract:

- Sybase Technical Support or the Sybase subsidiary in your area
- SAP Technical Support

Customers with an SAP support contract can obtain support for this product at the SAP support site, <http://service.sap.com/sybase/support>. You can also find information about Sybase support migration at this location (login may be required).

Customers with a Sybase support contract can obtain support for this product at <http://www.sybase.com/support> (login required).

Downloading Product Updates

Get maintenance releases, support packages and patches, and related information.

- If you purchased the product directly from Sybase or from an authorized Sybase reseller:
 - a) Go 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 product under an SAP contract:
 - a) Go to <http://service.sap.com/swdc> and log in if prompted.
 - b) Select **Search for Software Downloads** and enter the name of your product. Click **Search**.

SAP Control Center Accessibility Information

SAP Control Center uses the Adobe Flex application.

For the most current information about Adobe Flex keyboard shortcuts, see http://livedocs.adobe.com/flex/3/html/help.html?content=accessible_5.html.

Note: To use SAP Control Center effectively with versions of JAWS for Windows screen reading software before version 11, download and install the appropriate Adobe scripts. See <http://www.adobe.com/accessibility/products/flex/jaws.html>.
