



IBM Sterling Connect:Direct Browser User Interface
Version 1.5.00
Release Notes



This edition applies to the 1.5 Version of IBM® Sterling Connect:Direct® Browser User Interface and to all subsequent releases and modifications until otherwise indicated in new editions.

Before using this information and the product it supports, read the information in Notices on page 13..

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IBM® Sterling Connect:Direct® Browser User Interface

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IBM Sterling Connect:Direct Browser User Interface Version 1.5.00 Release Notes

The *IBM Sterling Connect:Direct Browser User Interface Version 1.5.00 Release Notes* document supplements IBM® Sterling Connect:Direct® Browser User Interface Version 1.5 documentation. Release notes are updated with each release of the product and contain last-minute changes and product requirements, as well as other information pertinent to installing and implementing IBM Sterling Connect:Direct Browser User Interface. Read the document in its entirety before installation.

Product Requirements

Sterling Connect:Direct Browser User Interface requires the following software:

Component or Functionality	Software	Disk Space (min.)
Sterling Connect:Direct Browser User Interface	Microsoft Windows operating system options: <ul style="list-style-type: none">◆ Windows XP (32 bit)◆ Windows 7◆ Microsoft Windows 2003 and 2008 Standard or Enterprise Edition (32 and 64 bit)◆ Microsoft Vista (32 bit and 64 bit)◆ Java Runtime Environment (JRE), version 1.6. The JRE is installed with Sterling Connect:Direct Browser User Interface for all Windows platforms.	64 MB

Component or Functionality	Software	Disk Space (min.)
	UNIX operating system options: <ul style="list-style-type: none"> ◆ HP9000 HP-UX 11.23i ◆ HP Itanium 11.23 ◆ AIX 6.1 ◆ AIX 5.3 (64 bit) ◆ Solaris SPARC 10 ◆ Solaris INTEL 10 ◆ RedHat Enterprise Linux Server 5.4 (either 32 bit or 64 bit) ◆ SuSE Linux Enterprise Server 11 ◆ SuSE Linux Enterprise Server - Java ◆ zSeries SuSE Enterprise Server 10 ◆ zSeries RedHat 5.0 (64 bit) ◆ Java Runtime Environment (JRE), version 1.6. The Java JRE is installed with Sterling Connect:Direct Browser User Interface for all UNIX platforms. 	64 MB
	Mainframe operating system and Java options: <ul style="list-style-type: none"> ◆ IBM System z/Linux ◆ Java Runtime Environment (JRE), version 1.6. 	
Browser	Browser options: <ul style="list-style-type: none"> ◆ Microsoft Internet Explorer, version 6.0 or later <p>Note: You must enable cookies in your browser to run the Sterling Connect:Direct Browser User Interface.</p>	

Component or Functionality	Software	Disk Space (min.)
Secure connections	<p>The following versions of Sterling Connect:Direct and Sterling Connect:Direct Secure Plus are required:</p> <p>UNIX OS</p> <ul style="list-style-type: none"> ◆ Sterling Connect:Direct for UNIX 3.7.00 or later with latest maintenance ◆ Sterling Connect:Direct Secure Plus for UNIX 3.7.00 or later <p>Microsoft Windows OS</p> <ul style="list-style-type: none"> ◆ Sterling Connect:Direct for Microsoft Windows 4.2.00 or later ◆ Sterling Connect:Direct Secure Plus for Microsoft Windows 4.6.00 or later <p>z/OS</p> <ul style="list-style-type: none"> ◆ Sterling Connect:Direct for z/OS 4.6.00 or later ◆ Sterling Connect:Direct Secure Plus for z/OS 3.1.00 <p>HP NonStop OS</p> <ul style="list-style-type: none"> ◆ Sterling Connect:Direct for HP NonStop 3.4.02 or later ◆ Sterling Connect:Direct for HP NonStop Secure Plus 3.0.00 or later 	

The IBM Sterling Connect:Direct Browser User Interface does not require a license key.

Features and Enhancements

Sterling Connect:Direct Browser User Interface version 1.5.00 has the following enhancements:

Version	Description
1.4.10	<p>Added support for UDT netmap parameters for Sterling Connect:Direct for UNIX version 4.0.00 and later and Sterling Connect:Direct for z/OS version 4.8.00 and later.</p> <p>Disabled directory browsing on the Jetty web server.</p> <p>Obfuscated the admin password in trace file.</p> <p>Made the Sterling Connect:Direct Browser User Interface documentation available from the Help menu under Documentation.</p> <p>Added support for netmap checking LOCAL REMOTE for Sterling Connect:Direct for UNIX.</p> <p>Updated Sterling Connect:Direct JAI jar with support for submitting Processes larger than 8K.</p>

Version	Description
	<p>Modified the SubmitterParm method in the Sterling Connect:Direct JAI Parser code to retrieve statistics for Sterling Connect:Direct for z/OS by providing a submitter ID.</p> <p>Changed the jettyBrowser.xml and webdefaultoverride.xml files to ASCII for the Connect:Direct for z/OS installation.</p> <p>Added support for allowing "DAILY" keyword on start time.</p> <p>Added support for honoring the trace setting specified in the configuration file.</p> <p>Added new HTML help to remove DOM-based cross-site scripting vulnerability. The Help is accessed by navigating to the following URL: http://<HOSTNAME>:<PORT>/cdbrowser/html/main.html.</p> <p>Upgraded Jetty Server to 6.1.21.</p> <p>Set the default logging level for Sterling Connect:Direct Browser User Interface to "Minimal."</p>
1.4.09	<p>Added a new "Display Communication Fields" option in the System page. When this option is set to "No," the API Address, Port, and Protocol fields are not displayed on the signon screen.</p> <p>When submitting a Process, fixed issue that prevented using an "!" to override an SNODE password.</p> <p>Added support for the modified version value passed by Sterling Connect:Direct for UNIX version 3.6.01 and later.</p> <p>Added support for alt_comm_outbound and alternate comminfo in Sterling Connect:Direct for Microsoft Windows and Sterling Connect:Direct for UNIX Netmap.</p> <p>Allowed keywords to be specified with no value by accepting <null> or '~-[DATA]'.</p> <p>Provided support for Group Authorities on Microsoft Windows. With this change, Functional Authorities include both User Authorities and Group Authorities.</p> <p>Enabled Processes imported through the Process Builder to override the PNODEID or SNODEID with a user ID and no password.</p>
1.4.08	<p>Fixed issue with Byte Count value being displayed in the Select Process Details screen as a negative value when a large value is returned by the Sterling Connect:Direct server.</p> <p>Added default values that are used when a new User Authority or Proxy object is created in Sterling Connect:Direct Browser User Interface.</p> <p>Fixed formatting issue with PDS member selection in the File Browser component.</p> <p>Fixed issue with file browsing using Mozilla Firefox.</p> <p>Fixed issue with Sterling Connect:Direct Browser User Interface startup that occurred when users had changed the default keystore location or password.</p> <p>Fixed issue that prevented users on IBM AIX from establishing a secure connection to Sterling Connect:Direct when the default truststore location had been changed.</p> <p>Added a popup menu that allows users to change, delete, and suspend Processes, while still retaining the data on the main screen even after the a Process has been modified.</p>

Version	Description
1.4.07	<p>Support for Windows Vista.</p> <p>Upgraded Jetty servlet container to 6.1.5 to support z/OS-based installations.</p> <p>Upgraded the JRE (1.5.12) shipped with Sterling Connect:Direct Browser to remove several security vulnerabilities.</p> <p>Submit DSN, ALT.NODE, and Type fields added to Select Statistics Detail page.</p> <p>Upgraded internal Sterling Connect:Direct JAI library that requires Sterling Connect:Direct Browser User Interface to run with Java Runtime Environment 1.5 or greater.</p> <p>Added ALT.NODE and Type fields to Select Statistics Detail page.</p>
1.4.06	<p>Upgraded installer to install JRE 1.5.</p> <p>Fixed Process import issue when the user is using Internet Explorer 6 with HTTPS.</p> <p>Upgraded servlet container to Jetty 6.1.1 for security updates, JSP source file display, and weak encryption fixes.</p> <p>Fixed issue in which no data was returned when specifying source or destination filename in select statistics.</p>
1.4.03	Updated JRE to support new United States Daylight Saving Time rules for 2007.
1.4.02	<p>Improved quality of the Chinese Sterling Connect:Direct Browser User Interface translation.</p> <p>Adds support for Java JRE version 1.4.02.</p>
1.4.00	<p>Support for Sterling Connect:Direct for HP NonStop version 3.4.</p> <p>Support for netmap node entry import and export.</p> <p>The Jetty server Web server is installed with the product and is automatically configured, eliminating the need to use a third-party Web server.</p> <p>An enhanced user interface makes better use of the screen area and simplifies navigation between functions.</p> <p>Support for secure connections through Java Secure Socket Extension (JSSE) between Sterling Connect:Direct Browser User Interface servlet and the Sterling Connect:Direct server.</p>

Special Considerations

Sterling Connect:Direct Browser User Interface version 1.5.00 has the following special considerations:

- ◆ If you are using Microsoft Internet Explorer version 6.0, perform this procedure to avoid page display errors:
 - a. Launch Microsoft Internet Explorer.
 - b. Select **Tools>Internet Options**. The **Internet Options** dialog box is displayed.

- c. Click **Advanced**. The advanced settings are displayed.
 - d. Disable **Show friendly HTTP error messages**.
 - e. Click **OK**.
- ◆ Occasionally, when importing a Process, you receive the following error:

```
HTTP ERROR: 500 Internal Server Error
```

If you click **Refresh**, you receive another error:

```
Error Response Message Invalid request. Verify the parameters entered and try to import the process again it should import successfully.
```

To resolve this problem, reimport the Process.

Installation Instructions

Depending on your operating system, use one of the following procedures to install Sterling Connect:Direct Browser User Interface.

Installing Sterling Connect:Direct Browser User Interface on a Microsoft Windows System

You must have administrative authority to install Sterling Connect:Direct Browser User Interface as a service. To install Sterling Connect:Direct Browser User Interface on a Microsoft Windows OS:

1. If your Services application is running, close it.
2. Navigate to the directory where you extracted the Sterling Connect:Direct Browser User Interface application. If you are installing the product from CD, the application is on the CD's root directory.
3. Open the Microsoft Windows directory.
4. Launch **CDBrowserInstall.exe**.
5. Select the language and click **OK** to start the installation.
6. Read the introductory information and click **Next**.
7. Specify the installation directory or accept the default and click **Next**.
8. Specify a port for both secure and unsecure connections or accept the defaults and click **Next**.
9. Review the installation details. If you need to change any installation options, click **Previous**. To proceed with the installation, click **Install**. When the installation is complete, the Installation Complete screen is displayed.
10. Click **Done**.

11. Refer to Chapter 2, *Starting IBM Sterling Connect:Direct Browser User Interface* in the *IBM Sterling Connect:Direct Browser User Interface System Administration Guide* for instructions on starting the Sterling Connect:Direct Browser User Interface

Installing Sterling Connect:Direct Browser User Interface in a UNIX, Linux zSeries, or z/OS System

To install Sterling Connect:Direct Browser User Interface on the AIX, HP-UX, Solaris, Linux Intel, Linux zSeries, and z/OS operating systems:

1. Navigate to the directory where you extracted the Sterling Connect:Direct Browser User Interface application. If you are installing the product from CD, the application is on the CD's root directory.
2. Open the directory associated with your platform. Use the following table as a guide:

Platform	Directory
IBM System p5	AIX
HP 9000 Series	HP-UX
HP Itanium	HP-Itanium
Linux	Linux
Linux zSeries	Java
z/OS	Java
Solaris	SolarisSPARC
Solaris Intel	SolarisINTEL

3. Depending on your environment, start the installation using one of the following options:
 - ◆ On the AIX, HP-UX, Solaris, or Linux Intel operating systems, type one of the following commands and press **Enter** to start installing Sterling Connect:Direct Browser User Interface and the JRE:
 - To run the installation program in the command line interface, type:

```
sh CDBrowserInstall.bin -i console
```

- To run the installation program in the graphical user interface (GUI), type:

```
sh CDBrowserInstall.bin -i gui
```

The GUI option is available only in a Microsoft X Windows environment.

- ◆ On the Linux zSeries or z/OS operating systems, type the following command and press **Enter**:

```
java -jar CDBrowserInstall.jar -i console
```

Note: The Java installation assumes that the JRE is already installed.

4. When you are prompted to Choose Locale, select the language or accept the default and click **OK** to start the installation.
5. Specify the installation directory or accept the default and press **Enter**.
6. Specify a port for nonsecure connections or accept the defaults and press **Enter**.
7. Specify a port for secure connections or accept the defaults and press **Enter**.
8. Review the installation details. If you need to change any installation options, press **Ctrl** and **c** and restart the installation. Press **Enter** to complete the installation. When the installation is complete, the command prompt is displayed.
9. Refer to Chapter 2, *Starting Sterling Connect:Direct Browser User Interface* in the *IBM Sterling Connect:Direct Browser User Interface System Administration Guide* for instructions on starting the Browser Interface.

Known Restrictions

Sterling Connect:Direct Browser User Interface has the following known restrictions:

- ◆ You cannot create a secure connection to Sterling Connect:Direct for UNIX using JSSE running on Linux zSeries. Sterling Connect:Direct Secure Plus for UNIX version 3.1 is required for secure JSSE connections; however, version 3.1 of Sterling Connect:Direct Secure Plus for UNIX is not supported on the Linux zSeries operating system.
- ◆ Sterling Connect:Direct Browser User Interface is not supported on Compaq Tru64 operating system.

Documentation Updates

This section describes last minute updates to the Sterling Connect:Direct Browser User Interface documentation:

IBM Sterling Connect:Direct Browser User Interface User's Guide

On page 56 in the Microsoft Windows and UNIX Copy From Options section, replace the following:

Microsoft Windows and UNIX Copy From Options

The Microsoft Windows and UNIX platforms use the same Copy From options. To specify these options:

1. Type the Source File Name. If the file is on the PNODE, you can click to browse to it.
2. Type the SYSOPTS.
3. Click Copy To to specify options for the platform that you are copying the file to.

Note: When copying a file from Microsoft Windows or UNIX, the Source Disposition is always SHR.

See the online Help or Glossary for field descriptions.

On page 113, add the following note to the Source DISP definition:

Note: When the source file is being copied from Microsoft Windows or UNIX, the Source DISP value is always SHR.

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