



# **IBM Sterling Connect:Enterprise HTTP Version 1.4.00**

Release Notes



This edition applies to the 1.4 Version of IBM® Sterling Connect:Enterprise® HTTP 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 17.

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## Important Notes

This document supplements IBM® Sterling Connect:Enterprise® HTTP version 1.4 documentation. Read these release notes completely before installation.

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### Product Requirements

This section describes the software requirements for Sterling Connect:Enterprise HTTP version 1.4.00.

#### UNIX Systems

The following minimum levels of software are required to run Sterling Connect:Enterprise HTTP for UNIX.

- ❖ Web server software
  - ◆ Tomcat 6.0 or later
  - ◆ Sun ONE Web Server version 6.0 or later
  - ◆ IBM WebSphere Application Server version 6.1 or later
- ❖ Java Developer Kit version 1.5 or later

#### Microsoft Windows Systems

The following minimum levels of software are required to run Sterling Connect:Enterprise HTTP for Microsoft Windows:

- ❖ Microsoft Windows 2003, 2008, XP. This requirement is for running the installation program.
- ❖ Web server software
  - ◆ Tomcat 6.0 or later
  - ◆ Sun ONE Web Server version 6.0 or later
  - ◆ IBM WebSphere Application Server version 6.1 or later
- ❖ Java Developer Kit version 1.5 or later

## Web Browsers

Sterling Connect:Enterprise HTTP is supported the following Web browsers:

- ❖ Microsoft Internet Explorer version 7.0 or later
- ❖ Mozilla Firefox version 3.6 or later

## SSL Support

For SSL support, you may need to install IBM® Sterling Certificate Wizard.

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## Installation Notes

This section contains installation considerations that you must observe in addition to the procedures contained in the *IBM Sterling Connect:Enterprise HTTP Installation and Administration Guide*. Refer to the following notes before beginning installation of the product:

- ❖ Review the *IBM Sterling Connect:Enterprise HTTP Installation and Administration Guide*, and complete the worksheets prior to installing Sterling Connect:Enterprise HTTP.

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# Summary of Updates

This chapter describes the enhancements and maintenance for Sterling Connect:Enterprise HTTP version 1.4.00.

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## Enhancements in Version 1.3.00

This section describes the enhancements in Sterling Connect:Enterprise HTTP version 1.3.

- ❖ **Firewall port navigation for SSL**—Allows you to limit the firewall ports and implement a Clear Control Channel (CCC).
- ❖ **Change password support**—Enables users to change their Sterling Connect:Enterprise server password using Sterling Connect:Enterprise HTTP, and allows an administrator to prompt users for expired passwords.
- ❖ **SITE command support**—Enables you to communicate with Sterling Connect:Enterprise Gateway using SITE commands.
- ❖ **Support for 64-character batch ID**—Enables Sterling Connect:Enterprise HTTP to issue up to 64-bit batch IDs on systems that support 64-character batch IDs.
- ❖ **Passive mode FTP command support**—Allows the Sterling Connect:Enterprise administrator to have either the Sterling Connect:Enterprise server or Sterling Connect:Enterprise HTTP select the data transfer port.
- ❖ **Error message descriptions included in the Help**—All error message explanations and suggested actions are included in the *IBM Sterling Connect:Enterprise HTTP Installation and Administration Guide*, and in the Help system.
- ❖ **Support for Server-only authentication**—Enables you to communicate securely with Sterling Connect:Enterprise HTTP using only a server-side certificate.
- ❖ **directory\_in\_memory system property file parameter**—This parameter enables Sterling Connect:Enterprise HTTP to build a spool file in memory, allowing data received from Sterling Connect:Enterprise servers to be further processed by Sterling Connect:Enterprise HTTP. Because the file is written in memory, it does not conflict with write permissions on UNIX operating systems.

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## Enhancements in Version 1.4.00

This section describes the enhancements in Sterling Connect:Enterprise HTTP version 1.4.

- ❖ **Support for Linux on Intel and zSeries.** Refer to *Product Requirements* on page 5-5 for a list of versions supported.
- ❖ **Increased tracing details**—Enables you to log more details about your transactions. The following table describes the approximate level of detail you can trace with each debug value:

Level	Description
0	Initialization messages, all errors
1	Logon / Logoff
3	High level command - (directory, upload, download, status, etc)
5	FTP chit-chat
6	Directory listings
7	Redirection checking
8-9	For more invasive tracing.

Refer to the *Monitoring Sterling Connect:Enterprise HTTP* chapter of the *IBM Sterling Connect:Enterprise HTTP Installation and Administration Guide* for more information on monitoring.

- ❖ **Redirection support for logon failure message**—Enables you to redirect when a logon fails. The Required HTML file name is MSG\_LOGON\_FAILED. Refer to the *Customizing the User Interface* chapter of the *IBM Sterling Connect:Enterprise HTTP Installation and Administration Guide* for more information on redirection.
- ❖ **Support for HTTP 1.0 Basic Authentication**
- ❖ **Support for multiple file downloads**
- ❖ **Support for CE zOS 64-character batch ID**

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## Maintenance Updates

This section details the maintenance included in Sterling Connect:Enterprise HTTP 1.3 and 1.4.00.

### Maintenance in Version 1.3.00

The following table details the support requests (SRs) that were added in version 1.3:

SR Number	Description
987492	Interrupted upload via HTTP is not flagged incomplete.
996533	HTTP upload status box does not close automatically.



## Maintenance in Version 1.4.00

The following table details the support requests (SRs) that were added in version 1.4.00:

SR Number	Description
987492	Interrupted upload is not flagged incomplete.
987492	Abort transmissions not processed correctly.
993154	The SITE IDENT command failure is processed incorrectly.
996533	Upload status box does not close automatically.
1009926	Cross-site scripting vulnerability.
1019253	Files larger than 1 GB have an equal sign (=) in the name and cannot be downloaded.
1027490	Exception occurs while determining if a server supports 64-byte batch IDs.
1036800	The message <b>Send complete</b> is sent on upload when not logged on.
1047574	Need balancing <BODY> statement in message output.
1055094	SSL authentication Error 6994 when authenticating VeriSign chaining certificate.
1059273	Japanese characters incorrectly appear on initial directory listing.
1059273	Japanese characters were not appearing correctly
1102200	Better error detection, session management
1120612	Cannot send files that have a "carriage return" for the first character
1123559	A Receive command does not download files when using Netscape 4.7 or 6.2.
1125129	Large file uploads fail. Directory command causes logon to hang.
1171438	Getting "Return Code: 710 - There is a format error" after internal logon
1211564	HTTP 1.3.01 doesn't handle 539 Password Expired message correctly
1221949	There was a missing <TD> in the displayDir.jsp file
1236371	Failure sending one line file without CR/LF
1241564	With CR/LF at beginning of file, last record not transmitted
1248992	Uncaught Java error on some Tomcats when using Logoff button
1268830	Enhancement: Support HTTP 1.0 Basic Authentication
1270109	Better handling of upload status pop-up window
1292961	Add support for MSG_INITIAL_CONNECTION_CLOSED
1308600	Sessions from same IP address getting confused
1312973	Some internationalized characters not displaying on Netscape.
1338963	HTTP Upload hangs when trying to send empty file with SSL
1340634	Support redirect to MSG_CHGPWD_SUCCESSFUL.htm
1340670	C:E OS/390 RDX remote names with \$ in them get 718 - Invalid request
1340903	Sessions may not timeout after periods of high activity

SR Number	Description
1345429	Directory lists "M" batch without "R" flag as requestable (HyperLink)
1346229	Quote character in Receive or Send screens causes strange results
1347583	Product hangs when logoff occurs during timeout loop
1354017	Enhancement: Support multiple file downloads
1362646	Return Code: "709 - I/O Error Receive When Executing a Directory Command" on a mailbox with no batches.
1363343	CMDownloadSiteCmd multiple download CMException after cancel
1365311	"Upload is successful" page is received when servlet log shows "452 Put failed : ACCESS denied"
1365376	Need leading zero in Julian date for CE zOZ: FTIME=200760 (must be 2007060)
1370490	C:E HTTP Failed transmission of large file treated as a success.
1372298	C:E HTTP vulnerable to session fixation weakness.
1372738	C:E HTTP Unable to suppress or redirect FTP error message
QC14418	Support new C:E z/OS directory format (DIRFORM=MBOX_EXT1_CLIENT64), which returns two additional fields (record count and VBQID[status])
QC15617	C:E HTTP Help system vulnerability

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# Known Restrictions

This section describes known restrictions for Sterling Connect:Enterprise HTTP version 1.4.

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## Known Restrictions

Sterling Connect:Enterprise HTTP version 1.4 has the following restrictions:

- ❖ Sterling Connect:Enterprise HTTP cannot send files that are 2 gigabytes and larger.
- ❖ On file transfers requiring more than 30 minutes, your browser will time-out and the file may not be sent.
- ❖ If you click any button in the browser during a file transfer, the file transfer terminates prematurely. Verify that a file that has been sent has been received intact at the Sterling Connect:Enterprise server by viewing the directory of the mailbox.
- ❖ The maximum character length you can perform a directory filter on is 62 characters or 61 characters and a wildcard (\*).
- ❖ When running IBM WebSphere on a UNIX platform and changing a password successfully, there may be no response indicating the change was successful.
- ❖ Receiving files through Sterling Connect:Enterprise HTTP can result in incomplete files due to the nature of HTTP. This issue is not specific to Sterling Connect:Enterprise HTTP and exists between Web browsers and Web servers in general. Verify the integrity of any file received using Sterling Connect:Enterprise HTTP Directory function.

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**Note:** Browser users are not notified of this error. If a user selects a file from the Directory page and the mailbox request command fails, an error message is logged to the log file.

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- ❖ If your Web server is running on the Microsoft Windows operating system, and you are not using the file transfer acknowledgment feature (**download\_confirm\_mode=N**), receiving files through Sterling Connect:Enterprise HTTP can result in incomplete files. Due to the nature of Java sockets on the Microsoft Windows operating systems, incomplete batches may be marked complete. Verify the integrity of any batch sent. Therefore use the file transfer acknowledgment feature (**download\_confirm\_mode=Y**) for best results.
- ❖ Differences exist between the Internet Explorer and other browsers:
  - ♦ If you are receiving files through Internet Explorer, a directory is displayed. From the directory, select files to be received by clicking the file name. Files are downloaded one at a time and you may be prompted to assign each a name through the Save As dialog box.
  - ♦ If you are receiving files through other browsers, available files will begin downloading as soon as the receive screen is submitted. Files will go to the browser's download directory.



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# Documentation Updates

No documentation updates are required for Sterling Connect:Enterprise HTTP version 1.4.



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# Sterling Connect:Enterprise HTTP Online Documentation

Sterling Connect:Enterprise HTTP Online Documentation can also be downloaded from the IBM Customer Support Web site at [www.sterlingcommerce.com](http://www.sterlingcommerce.com). The Sterling Connect:Enterprise HTTP documentation set consists of the following:

- ❖ *IBM Sterling Connect:Enterprise HTTP Installation and Administration Guide*





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