



IBM Sterling Connect:Direct for UNIX

Optimize file transfer on all your UNIX servers

IBM® Sterling Connect:Direct® is the leading solution for secure, point-to-point file transfers. It has been optimized for high-volume, reliable data delivery of files within and between enterprises, and provides script-based automation, scheduling and alert notifications for 24x7 unattended operations. A key component of the IBM® Sterling Managed File Transfer solution, Sterling Connect:Direct addresses the system centric use case by allowing organizations to automate the data exchange between mission-critical applications independent of platform.

Sterling Connect:Direct for UNIX allows transfer between a variety of mainframe, mid-range, Windows and other UNIX platforms to move information between departments, companies, trading partners and customers over the Internet or a private network. Installed on the UNIX server or workstation, Sterling Connect:Direct communicates via TCP/IP or the File Accelerator option, which offers accelerated file transfers over high-speed wide area networks.

It also features a graphical browser interface for Sterling Connect:Direct process creation and editing. A simple point-and-click interface allows you to build a process without a text editor. You can also manage the local and remote Sterling Connect:Direct configuration information and manage processes through the simple, easy-to-use interface, or with the IBM® Sterling Control Center Configuration Manager (version 5.0 and later).

Sterling Connect:Direct for UNIX

- Delivers up to 4X the throughput of TCP over high speed WANs with the Connect:Direct File Accelerator option (Sterling Connect:Direct for UNIX 4.0 and later)
- Provides automation through an easy-to-use process definition and scripting. Multi-step processes manage data movement, as well as pre- and post-processing
- Simplifies enterprise deployment through silent install and integration with tools like IBM Endpoint Manager



IBM Software

- Automatically establishes connection to remote server when data is ready for transfer. Automatic session retry re-establishes an interrupted connection; work resumes at the point of failure
- Includes File Agent, which watches one or more directories for the arrival of files and automatically submits a pre-defined process when a file is detected
 - Customize rules that trigger actions on files placed in the watched directory, and easy-to-use configuration management and editing
 - Receive alert notifications and reporting of File Agent activity with Sterling Control Center¹
- Supports Sterling Control Center for end-to-end management and monitoring of Sterling Connect:Direct nodes and some third-party FTP servers
- Offers flexible security options to control access to data, network or system resources. Interfaces to operating system and vendor-supplied access control and security software
- Supports a comprehensive cryptographic solution (IBM® Sterling Connect:Direct® Secure Plus) that provides strong mutual authentication, data encryption, data integrity and key management for Internet data exchange. Sterling Connect:Direct Secure Plus includes support of the Sterling Crypto-C cryptographic module, a FIPS 140-2 Level 1 certified module
- Helps ensure data delivery and helps eliminate costly retransmission through checkpoint/restart and automatic session retry
- Provides a comprehensive audit trail of data movement through extensive statistics logs. Standard reports are available from the command line or a shell script, while more advanced reports and alerting can be delivered with Sterling Control Center
- Supports extensive configuration options for flexibility of deployment, management of network resources and is designed for optimization of data transfer performance
- Provides optional data compression that is configurable for maximum compression or optimal use of system resources. Additionally, an included stand-alone compression utility enables offline pre-compression of a file that can either be decompressed “on-the-fly” as it is received by the remote Sterling Connect:Direct node or be received in a pre-compressed format and later decompressed offline
- Supports all major file types, media and record formats across multiple platforms. Data exchange is independent of content
- Also available is the IBM® Sterling Connect:Direct Application Interface For Java, that enables a Java application to connect to a Sterling Connect:Direct server and perform Sterling Connect:Direct functions, including the submit and control of processes
- Supports 32-bit and 64-bit API libraries and source files so that customers can build 32-bit or 64-bit applications to interface with Sterling Connect:Direct for UNIX
- Command Line Interface (CLI) enables interactive or scripted use
- Sterling Connect:Direct is a good citizen when running in a cluster environment providing high-availability, failover support. It has been tested in the following environments
 - HP PA-RISC – HP MC/Service Guard
 - IBM System p – IBM HACMP
 - Sun SPARC system – SunCluster 2.2, 3.0 or 3.2 (must have Sun C compiler)
 - Veritas Cluster Server

System requirements

TCP/IP or IBM® Sterling File Accelerator connectivity

- HP PA-RISC – HP-UX version 11iv2 or 11iv3
- HP Integrity system with Intel Itanium processor – HP-UX version 11iv2 or 11iv3
- IBM System p – AIX 5L version 5.3, 6.1, or 7
- Sun SPARC system – Solaris version 9,10, or 11
- Sun x64 system with AMD Opteron processor – Solaris version 10
- Solaris/x86 system – Solaris version 10 or 11
- Intel and AMD x86/x86-64 – Any point release of Red Hat Enterprise Linux version 4,5, or 6 AS or ES distribution or SuSE SLES version 9, 10, or 11
- Linux zSeries – Any point release of Red Hat Enterprise Linux version 4, 5, or 6 AS or ES distribution or SuSE SLES version 9, 10, or 11

Sterling Connect:Direct for UNIX File Agent

- Has the same requirements as Sterling Connect:Direct for UNIX.



© Copyright IBM Corporation 2013

IBM Corporation
Software Group
Route 100
Somers, NY 10589
USA

Produced in the United States of America
July 2013
All Rights Reserved

IBM, the IBM logo, ibm.com and Sterling Commerce are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the web at “Copyright and trademark information” at www.ibm.com/legal/copytrade.shtml.

The information contained in this publication is provided for informational purposes only. While efforts were made to verify the completeness and accuracy of the information contained in this publication, it is provided AS IS without warranty of any kind, express or implied. In addition, this information is based on IBM's current product plans and strategy, which are subject to change by IBM without notice. IBM shall not be responsible for any damages arising out of the use of, or otherwise related to, this publication or any other materials. Nothing contained in this publication is intended to, nor shall have the effect of, creating any warranties or representations from IBM or its suppliers or licensors, or altering the terms and conditions of the applicable license agreement governing the use of IBM software.

References in this publication to IBM products, programs, or services do not imply that they will be available in all countries in which IBM operates. Product release dates and/or capabilities referenced in this presentation may change at any time at IBM's sole discretion based on market opportunities or other factors, and are not intended to be a commitment to future product or feature availability in any way. Nothing contained in these materials is intended to, nor shall have the effect of, stating or implying that any activities undertaken by you will result in any specific sales, revenue growth, savings or other results.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Oracle, Java, Sun, Solaris are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Symantec, Altiris, NetBackup, Norton, and Veritas are trademarks or registered trademarks of Symantec Corporation or its affiliates in the U.S. and other countries. Other names may be trademarks of their respective owners

1 Requires Sterling Control Center 5.2 and later and File Agent 1.3.00 and later.



Please Recycle