

VitalSigns for FTP™

Datasheet



The VFTP-SSH™ Collaboration

VFTP and SSH software collaborate to deliver complete and effortless FTP security for all file transfers and data in transit.

Now it's easier than ever to secure, monitor, and manage FTP traffic. With SDS VitalSigns for FTP, you get automatic, drop-in security, authentication, and encryption of FTP *with no JCL changes*. Programmers will no longer need to alter the JCL in every job that needs to encrypt a file transfer.

When VFTP is bundled with SSH, FTP transfers from batch jobs can be simply and transparently redirected through SSH "tunnels" or dynamically translated to SFTP with no need to rewrite scripts or JCL.

VFTP lets you control security across the organization for both servers and clients, plus maintain a comprehensive audit trail that fulfills today's more stringent regulations.

Cost-Effective, End-To-End Security for all file transfers and multi-platform environments

You also get a real-time look at all FTP traffic from one vantage point. From an intuitive GUI browser interface, network security staff can control authentication and encryption, providing end-to-end security for FTP and data in transit.

The SSH Server for IBM z/OS is an advanced, cost-effective, secure file transfer and secure

data-in-transit solution for the IBM mainframe environment. State-of-the-art authentication and encryption technologies allow enterprises to quickly and easily secure files and data moving among mainframe, UNIX, Linux, and Windows environments.

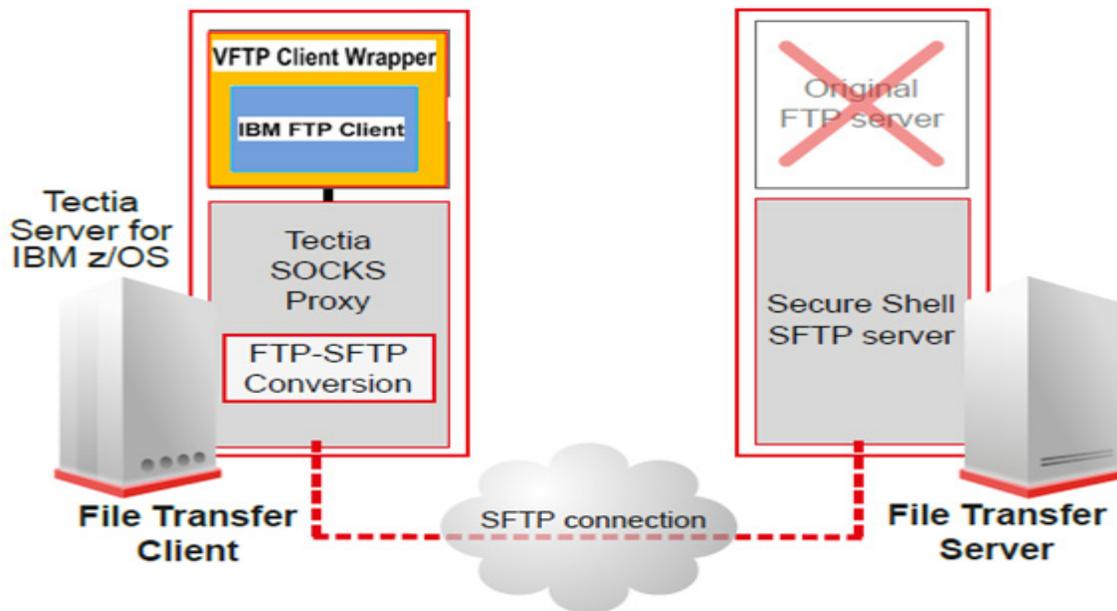
VFTP integrates the z/OS FTP server with mainframe SAF security (RACF, ACF2, or Top Secret). Administrators can selectively allow or disallow any individual user or FTP command. They can allow read access to a dataset while preventing its off-site transfer, for example, or allow transfer of sequential files but not JES files.

Complete, Automatic Monitoring for SSH servers and clients

Robust monitoring and auditing of SFTP and SCP traffic provides powerful oversight, diagnostics, and proof of regulatory compliance.

VFTP's FTP Control Language (FCL) provides a unique tool for automating mainframe batch jobs and associated file transfers. Failed transfers are automatically logged and resent, and operators are notified if recovery fails.

FTP Authentication, Encryption, and Security
Automatically • With No JCL Changes



VFTP-SSH Synergy = Multi-Layer Security

- ▶ Automatic and transparent FTP-to-SFTP conversion
- ▶ Complete data-in-transit security
- ▶ One solution for IBM mainframe, Windows, UNIX, and Linux environments

VitalSigns for FTP-SSH includes native support for the secure protocols – SFTP, SSH, and SCP – used by SSH clients and servers.

Multiple-layer security meets the data protection standards required by government and industry regulations, including:

SOX Sarbanes-Oxley Act

GLBA Gramm-Leach-Bliley Act

PCI DSS Payment Card Industry Data Security Standard

HIPAA Health Insurance Portability and Accountability Act

VitalSigns for FTP makes it easier to implement SSH – with increased usability, increased integration, and transparent encryption for file transfers – while ensuring compliance.

About SDS

Founded in 1982, Software Diversified Services™ (SDS) supports over 25 products for z/OS, MVS, VSE, VM, AIX, Linux, and Windows. SDS retains a roster of Fortune 500 clients worldwide and offers award-winning, expert service. With a focus on security, encryption, data compression, and monitoring, SDS has the solution for you. To learn more, please visit our web site.

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Advanced Features

- ✓ Checkpoint/restart, mid-file recovery
- ✓ File integrity checking
- ✓ Support for z/OS and USS file systems
- ✓ Automatic ASCII/EBCDIC conversion
- ✓ Interactive z/OS dataset listing
- ✓ SMF logging and auditing
- ✓ Hardware acceleration of cryptographic operations