

The VFTP-SSH Collaboration

Easily Secure FTP for All Mainframe File Transfers—No JCL Changes Required

It's easier than ever to secure, monitor, and manage all FTP traffic. When SDS VitalSigns for FTP™ is used in conjunction with Tectia® SSH, you get automatic, drop-in security, authentication, and encryption of FTP without making any JCL changes.

VFTP-SSH delivers comprehensive data security for all mainframe file transfers, plus a complete audit trail that meets the requirements of today's demanding regulations.

Integrated, Automatic Mainframe Security

VFTP integrates the z/OS FTP server with mainframe SAF security such as RACF, ACF2, and 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.

FTP transfers from batch jobs can be simply and transparently redirected through SSH “tunnels” or dynamically translated to SFTP. Because file transfers to and from mainframes are automatically secured, programmers no longer need to alter every job that encrypts a file transfer.

Comprehensive, Real-Time Control from One Interface

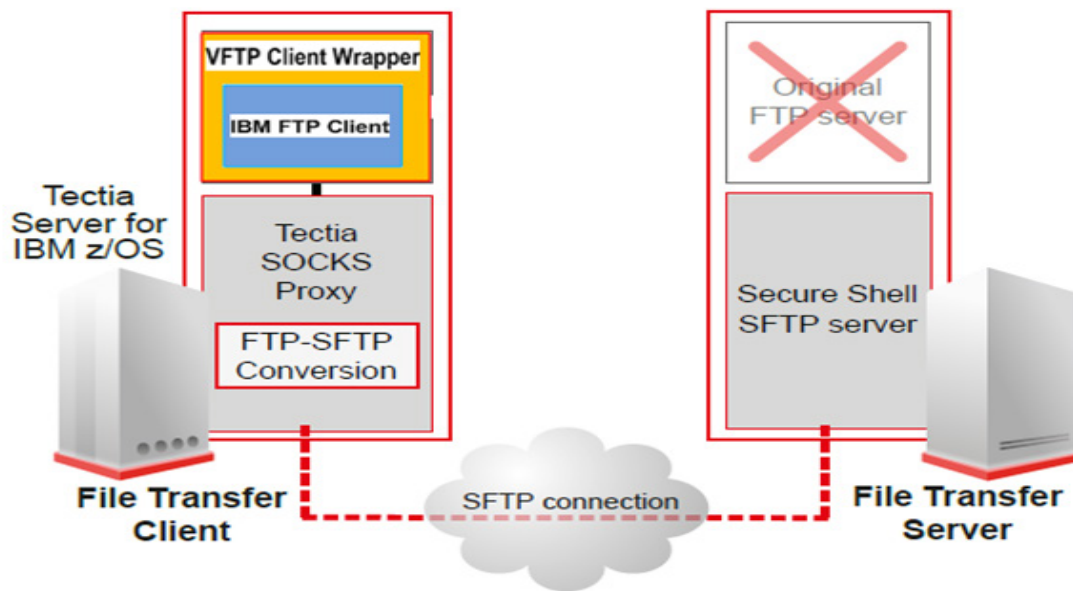
VFTP-SSH provides real-time visibility for all FTP traffic from one vantage point. From an intuitive GUI browser interface, network security staff can control end-to-end security for FTP and data in transit.

The SSH Server for IBM z/OS is an advanced, cost-effective, secure solution for the IBM mainframe environment. State-of-the-art authentication and encryption technologies quickly and easily secure files and data moving among mainframe, UNIX, Linux, and Windows environments.

FTP Authentication, Encryption, and Security

Automatically, Without Revising JCL

- Multi-layer z/OS FTP security
- One solution handles all mainframe transfers to/from Linux, UNIX, and Windows
- Works with any mainframe SAF: RACF, ACF2, Top Secret
- Provides visibility for all FTP traffic
- Automatic FTP-to-SFTP conversion
- File integrity checking
- Support for z/OS and ZFS file systems – no staging of data is required
- Automatic ASCII/EBCDIC conversion
- Interactive z/OS dataset listing
- SMF logging and auditing
- Hardware acceleration of cryptographic operations
- FTP Control Language (FCL) for automating batch jobs
- Expert SDS 24/7 support



Automatic Monitoring for SSH Servers and Clients

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

VFTP's FTP Control Language (FCL) is an efficient tool for automating mainframe batch jobs and associated file transfers. Failed transfers are automatically logged and re-sent, and operators are notified if recovery fails.

Multiple-Layer Security that Meets Regulations

- ▶ Automatic and transparent FTP-to-SFTP conversion
- ▶ Complete data-in-transit security
- ▶ Secures mainframe FTP traffic to and from Windows, UNIX, and Linux environments

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

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

- GDPR** EU General Data Protection Regulation
- SOX** Sarbanes-Oxley Act
- GLBA** Gramm-Leach-Bliley Act
- PCI DSS** Payment Card Industry Data Security Standard
- HIPAA** Health Insurance Portability and Accountability Act

The VFTP-SSH collaboration delivers a cost-effective solution for FTP file transfers with better usability, SAF integration, and transparent encryption – and also ensures compliance with the latest security policies.

For more information about the VFTP-SSH collaboration, please visit www.sdsusa.com/vftp-ssh/.

Quality Mainframe Software Since 1982

Software Diversified Services delivers comprehensive, affordable mainframe and distributed software with a focus on cybersecurity and compliance. Hundreds of organizations worldwide, including many Fortune 500 companies, rely on SDS software. Our expert development and award-winning technical support teams are based in Minneapolis, MN. To learn more, please visit www.sdsusa.com.

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