

FTP Analyzer

POWERED BY  Tumbleweed®

AUDIT, ASSESS AND REPORT ALL FTP TRAFFIC

FTP (File Transfer Protocol) is the cheapest, simplest and most versatile method for sharing large data files over the Internet. Yet FTP introduces large scale security challenges for today's enterprise—particularly as well-intentioned but uninformed employees increasingly turn to FTP for transmission of business-critical data. Even though FTP has become the most widely used data-movement vehicle for large-file transfer, its supposedly “free” operation compromises enterprise security, management and compliance—a price astute businesses do not want to pay.

The FTP Analyzer, Powered by Tumbleweed, is a diagnostic tool that enables organizations to identify all FTP traffic on the network, including secured, unsecured and rogue. Easy to download directly from a Web browser, the FTP Analyzer is a Java-based sniffer application that monitors FTP traffic on all servers, or on individually selected servers.

CUSTOMIZED REPORTING

The FTP Analyzer includes detailed reports of all FTP activity. These reports can be generated at user-specified times and intervals, and exported to enable organizations to analyze and assess FTP traffic for security and compliance risks.

FTP traffic reports are available in two views, depending on the level of analysis required:

- **Executive PDF Report:** A two-page executive-level summary that uses pie charts and graphs to analyze FTP traffic. Details include:
 - Overall file transfer volume, broken down by secured vs unsecured
 - File transfer volume over time, broken down by secured vs unsecured
 - Number of unsecured file transfers over time
 - Top 10 largest unsecured files transferred
 - Top 10 busiest FTP servers by number and volume of unsecured files transferred
- **Detailed Text Report:** Contains raw data on all FTP transactions that occurred during the monitoring period, including:
 - File name
 - Time sent and received
 - Source and destination IP address
 - File size
 - File volume

WHAT YOU DON'T SEE CAN HURT YOU

Consider the following scenarios: A mid-level sales manager transferring large amounts of sensitive sales data to partners, customers and colleagues on a regular basis; an HR rep receiving confidential personnel information related to background checks; a company accountant delivering detailed quarterly earnings reports to an outside auditor; or a research assistant for a pharmaceuticals firm sending out clinical trial results to a biotech partner. Without a secure—and easy to use—file transfer solution in place, chances are that these employees will use FTP to transmit large files.

Don't think this kind of exposure exists in your organization? Neither did a national bank that nevertheless downloaded the FTP Analyzer to monitor FTP traffic, specifically within their Security Risk and Governance Group. They ran the FTP Analyzer for two months, and were shocked to discover a large number of undocumented FTP servers on their network. These rogue servers were shut down immediately to protect the organization from security and compliance risks, and the bank began evaluating secure file transfer solutions.

THE FTP ANALYZER IS EASY TO INSTALL—DOWNLOAD THIS FREE TOOL AND BEGIN MONITORING YOUR FTP TRAFFIC TODAY: www.tumbleweed.com/ftpanalyzer

RISKS OF INDIVIDUAL FTP MANAGEMENT

Lack of Security Enforcement

- Security violations aren't logged, clients aren't authenticated, encryption (if used) must be an offline process

Unmanaged FTP Traffic

- No logging and reporting of rampant or rogue FTP transactions, and no user management

Unreliable Transmissions

- FTP lacks a mechanism for problem notification; hence failed file transfers may go unnoticed indefinitely

Vulnerable to Hackers

- User ID and password information is broadcast in clear text during unsecured FTP sessions, leaving FTP servers vulnerable to hackers

Risk of Data Breach

- In the US alone, more than 500 organizations have reported data breaches, compromising the personal data of more than 100 million people

Lack of Audit Trail/Compliance

- Unsecured FTP does not comply with many regulations, such as SOX, HIPAA, and the EU Privacy Act, nor do most vanilla FTP servers provide archive and audit capabilities



FTP Analyzer

SECURETRANSPORT: SECURE, AUTOMATE AND MANAGE MISSION-CRITICAL FILE TRANSFERS

Transferring large, sophisticated data efficiently, securely and rapidly to internal and external partners and customers is essential in today's business environment. But without the proper tools and processes in place, employees will transmit large files—often containing mission-critical data—via unsecured consumer resources such as FTP and personal Web-based email, or via physical data exchange such as courier and mail services. While employees are merely trying to be productive and efficient, they are unknowingly putting the organization at risk for data security breaches and compliance violations. To prevent data loss and public relations nightmares, organizations must provide file transfer solutions that are secure and auditable, while disrupting routine workflow as little as possible.

Once an organization identifies its disparate and rogue FTP exchanges, the next step is to assess the scope and risk of unsecured transactions, and find a single-source solution for managing and securing FTP communications.

Tumbleweed SecureTransport™ is a leading Managed File Transfer solution that simplifies and secures file transfer over the Internet, and delivers superb visibility into the management of data exchange. This easy-to-use, flexible solution centrally manages and monitors secure

file transfer activity across multiple file transfer sites or applications. SecureTransport allows organizations to adeptly control and manage the transfer of files inside and outside of the corporate firewall in support of mission-critical business processes. And SecureTransport easily integrates with existing IT infrastructure to maximize existing IT investment.

- **Financial networks** use SecureTransport to move thousands of financial transactions daily. SecureTransport is used by 8 out of the top 10 U.S. banks to serve tens of thousands of corporate customers and ensure PCI compliance.
- **Healthcare providers**, payers, producers and clearinghouses are linked through SecureTransport for transfer of private health information to ensure HIPAA compliance.
- **Government agencies** leverage SecureTransport to communicate and share documents with other agencies and to replace VPNs, leased lines and unsecured FTP.

For more information about how SecureTransport can simplify administration and management of mission-critical data exchange for your enterprise, call your regional office listed below, email Tumbleweed at info@tumbleweed.com, or visit us at www.tumbleweed.com

FUNCTION	FEATURE	ADVANTAGE
Traffic Capture	Monitor FTP traffic	A dedicated tool for monitoring and analyzing secured and unsecured FTP traffic—not a general purpose network packet sniffer.
Traffic Capture	Schedule FTP monitoring	Users can set timeframes for network monitoring.
Traffic Capture	Current statistics displayed during monitoring	During a monitoring session, the analyzer displays live statistics showing: <ul style="list-style-type: none">• Total packets• Percentage of packets analyzed• Time left in monitoring session Real-time monitoring enables users to quickly assess the level of FTP activity at a glance.
Reporting & Analysis	Executive-level summary report in PDF format	A two-page executive FTP Audit Report provides high-level summary data of monitored FTP traffic, including: <ul style="list-style-type: none">• Overall file transfer volume, broken down by secured vs unsecured• File transfer volume over time, broken down by secured vs unsecured• Number of unsecured file transfers over time• Top 10 largest unsecured files transferred• Top 10 busiest FTP servers by number and volume of unsecured files transferred
Reporting & Analysis	IT-level detail report in .TXT format	This report provides raw data for every FTP session captured by the FTP Analyzer, enabling deeper analysis of specific file transfers.

Find out how the FTP Analyzer, Powered by Tumbleweed, can audit, assess and report FTP transmissions to reduce security and compliance risks. Download this free tool and begin monitoring your FTP traffic today: www.tumbleweed.com/ftpanalyzer



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