



Important Notice

National Securities Clearing Corporation

B #:	a9499
Date:	September 30, 2024
To:	All Participants
Category:	Connectivity Security Requirements and Standards
From:	DTCC Chief Information Security Officer and President, Clearing and Securities Services
Attention:	Technology Risk Officers and Managers, Technical Connectivity Managers
Subject:	NSCC Secure Connections

Following the [Connectivity Security Requirements and Standards Important Notice](#) dated April 19, 2024 informing of mandatory compliance with DTCC security standards, DTCC will begin the disconnection of non-compliant connections starting with FTP and SFTP.

Important Dates

- FTP connections in UAT will be disconnected on January 31, 2025
- FTP connections in PRODUCTION will be disconnected on February 28, 2025
- Insufficiently encrypted SFTP connections in UAT will be disconnected on May 2, 2025
- Insufficiently encrypted SFTP connections in PRODUCTION will be disconnected on May 30, 2025

Action required:

FTP

Unencrypted FTP will not be supported and must be converted to SFTP or an alternative connectivity method.

Migration to a compliant protocol can take up to 3 months due to new network and protocol configurations required. To ensure compliance and avoid discontinuation of service prior to the FTP disconnection dates, please review your connections and contact our dedicated connectivity team by October 18, 2024 at sccp@dtcc.com with the below information to review, plan, and implement changes required:

- Provide IP address and User ID

SFTP

The following key exchange algorithms, ciphers, and MACs must be used:

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Key Exchange Algorithms:

ecdh-sha2-nistp521

ecdh-sha2-nistp384

ecdh-sha2-nistp256

diffie-hellman-group18-sha512

diffie-hellman-group16-sha512

diffie-hellman-group14-sha256

Ciphers

aes256-ctr

aes256-cbc

aes192-ctr

aes192-cbc

MACs

hmac-sha2-512

hmac-sha2-256

This is a client-side change only, which means that DTCC servers will be upgraded to accept only the secure encryption key exchange algorithms, ciphers, and MACs listed above. Clients are encouraged to contact DTCC Connectivity, sccp@dtcc.com, to confirm and validate that the upgrade has been performed successfully.