



IMPORTANT NOTICE

National Securities Clearing Corporation

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Date:	July 8, 2026
To:	All Members
Category:	Connectivity 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:	X9 Financial Public Key Infrastructure (PKI) Certificates

As part of our continued commitment to security, reliability, and regulatory alignment, DTCC will be updating how certain system connections are securely authenticated. Specifically, DTCC will mandate X9 Financial PKI certificates for IBM MQ, Connect:Direct, previously known as Network Data Mover (NDM), and File Transfer Protocol Secure (FTPS) protocols. This change reflects industry-wide evolution in digital security standards and how trusted financial institutions securely exchange data with one another.

Important Dates

- **November 30, 2026:** Deadline for implementation of X9 Financial PKI certificate requirements in UAT environments.
- **December 31, 2026:** Deadline for implementation of X9 Financial PKI certificate requirements in Production environments. Members that have not complied by this date will be in violation of NSCC Rule 2B Section 2, which requires each Member to maintain or upgrade their network technology within the time periods provided by an Important Notice posted to DTCC’s website. Such Members will be subject to a \$5,000 fine.

Action required

Members must implement the X9 Financial PKI certificate requirements detailed below to ensure continued connectivity. **Failure to implement these requirements by the specified dates will result in loss of connectivity to DTCC services for impacted protocols.**

- Review the X9 impacted protocols and requirements below assess and plan necessary changes
- Review the **FAQ** for additional information.
- Implement all X9-related changes in a single coordinated activity by the specified important dates. Implementing changes incrementally may result in mismatched configurations and increase the likelihood of service impact.
- Confirm completion by emailing TechnicalChangeEnablement@dtcc.com with the following information:
 - IBM MQ – Provide channel name
 - FTPS – Provide IP address
 - NDM – Provide node name or IP address

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X9 Financial PKI Certificate – Impacted protocols

The following connectivity protocols are impacted. Please do not make X9 changes to any other connectivity protocols unless further instructed:

Protocol	Action
MQ	Members must trust and present X9 certificates (mTLS) for both inbound connections to DTCC and outbound connections from DTCC
Connect:Direct (NDM)	Members must trust X9 certificates for inbound connections to DTCC and present X9 for outbound connections from DTCC
FTPS	Members must trust X9 certificates for inbound connections to DTCC and present X9 for outbound connections from DTCC

X9 Financial PKI Certificate – Requirements

1. X9 Certificate Generation

The required X9 Financial PKI certificates must be generated through the DigiCert portal. While X9 Financial PKI is not DigiCert-specific, at present, DigiCert is the only vendor that has the structures required to generate X9 certificates.

2. X9 Certificates to be installed in Member Trust Stores

- Add the X9 Financial PKI root and required intermediate certificates to your applicable trust stores.
- Verify all relevant systems trust the X9 certificate chain (e.g., application servers, APIs, gateways, load balancers or internet edge providers, such as Akamai or Cloudflare).

Members are advised to add X9 to their trust stores as soon as possible and must do so by the specified deadline dates, after which DTCC will start presenting X9 certificates and any Members that have not trusted X9 certificates will see connection failures.

3. Members to Present X9 Certificates

DTCC has installed the following X9 Financial PKI certificates in the applicable trust stores:

- X9 Financial PKI – RSA 4096 Root
- X9 Financial PKI – RSA 4096 Intermediate Certificate Authority (ICA)
- X9 Financial PKI – RSA 4096 End Entity (EU)

Members may start presenting X9 certificates as soon as today and must do so by the specified dates, after which DTCC will no longer trust non-X9 certificates. Members that are not presenting X9 certificates will see connection failures.