

Cyber Insurance Requirements

for Multi Factor Authentication (MFA)

What is MFA and How Do You Measure Successful Deployment?

Multi-factor Authentication or "MFA" refers to the use of two or more means of identification and access control using the following identification categories.

- **"Something you know"** - (username, password, etc.)
- **"Something you have"** - (verification codes sent via SMS or email, etc.)
- **"Something you are"** - (biometric authentication: fingerprint or retina scan, etc.)

MFA is successfully embedded when at least **two** of these categories are required to verify a user's identity when they attempt to access systems.

*Source: [NIST](#)

Where Should You Deploy MFA and Why?

Remote Network Access

Requiring MFA for remote network access can help **reduce the potential for network compromise** caused by lost or stolen passwords

[Learn More](#)

Administrative Access

Requiring MFA for admin remotely and internally helps **prevent intruders that have compromised an internal system from obtaining broader access**

[Learn More](#)

Remote Access to Email

Requiring MFA for remote access to email can help **limit the potential for compromise to corporate email accounts** caused by lost or stolen passwords.

[Learn More](#)

MFA Checklist

To qualify for certain cyber policies, MFA is required for:

- ☐ All employees when accessing email through a website or cloud-based services
- ☐ All Remote Access to the network provided to employees, contractors, and 3rd party service providers
- ☐ All Internal & Remote Admin access to:
 - ☐ Network Backup Environments
 - ☐ Network Infrastructure (firewalls, routers, switches, etc.)
 - ☐ Directory Services (active directory, LDAP, etc.)
 - ☐ The Organization's Servers/Endpoints



Pro Tip:

These are the minimum requirements for many lenders. But don't stop there! Please deploy MFA where it makes sense in your environment.

Need Help Checking these Boxes?

IE can help! Our security team offers [Security Risk Assessments](#) to identify gaps and vulnerabilities in your security posture. Additionally, we can create or refine your security policies and prepare you for new compliance requirements with our [vCISO](#) offering.

Still not sure? Get started with Cisco Secure Access by Duo for **FREE** to determine if it's the Multi-factor Authentication coverage you need!

Try Cisco Secure Access by  **FREE**