Multi-Factor Authentication

Your Extra Layer of Protection.

CSaaS SIG
An IT-ISAC Community

Be your own digital bodyguard with “Multi-factor Authentication” (MFA). Using MFA increases your security by providing bad actors additional hurdles, requiring two or more distinct types of identification before granting access.

MFA security protocol requires users to provide more than just a password for authentication. A combination of at least two of the following defines MFA:

SOMETHING YOU KNOW.

This is considered the first layer of protection - your password or pin.

SOMETHING YOU HAVE.

This is either a hardware token, passkey, an authenticator app or a phone to receive an SMS or call with a one time password (OTP).

SOMETHING YOU ARE.

Biometric verification! This requires a fingerprint reader or an eye/face scanner.

NEW & IMPORTANT GOLD STAR ★ STANDARD

FIDO® certified hardware tokens are a phishing resilient option when it comes to protecting your accounts and information. Also known as a "hard token" these physical devices are usually in the form of a key fob or USB.

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DID YOU KNOW MFA STOPS?

96% of phishing attempts. **76%** of targeted attacks.

Phishing is the most common cyber crime and results in an estimate of ***3.4 billion spam emails sent everyday.***

Various MFA options can be implemented for yourself or your company. These can include:

- one-time passwords (OTPs) via SMS text, email, or phone;
- authenticator apps that provide time-based one time passwords (TOTPs).
- **physical security keys, hardware tokens, or smartcards;**
- **and biometric verifications.**

EXPERT LEVEL!

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Founded in 2000, the Information Technology-Information Sharing and Analysis Center (IT-ISAC) is a non-profit organization that augments member companies' internal capabilities by providing them access to curated cyber threat analysis, an intelligence management platform, and a trusted forum to engage with senior analysts from peer companies. Visit IT-ISAC.org for more information.

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The Critical SaaS (CSaaS) SIG serves as a forum for CSaaS companies to collaborate on a collective defense strategy to improve the security and operational resiliency of their services and share intelligence information with the industry at large. It aims to increase the level of trust that customers can place in their organizations and the SaaS sector.

RESOURCES

- EarthWeb Phishing Statistics (2023) - https://earthweb.com/how-many-phishing-emails-are-sent-daily
- FIDO Alliance - https://fidoalliance.org/
- Zippia MFA Statistics (2023) - https://www.zippia.com/advice/mfa-statistics/

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