



# 501CISO

501C CYBERSECURITY LEADERSHIP

Powered by ClearTone Consulting, LLC

## ENSURING THE SECURITY AND TRUSTWORTHINESS OF YOUR ORGANIZATION'S COMMUNICATIONS!

### The Importance of DKIM, SPF, and DMARC

#### What Are DKIM, SPF, and DMARC?

- **DKIM (DomainKeys Identified Mail):** Provides a method for validating the authenticity of an email message by adding a digital signature.
- **SPF (Sender Policy Framework):** Specifies which IP addresses are authorized to send emails on behalf of your domain.
- **DMARC (Domain-based Message Authentication, Reporting, and Conformance):** Combines DKIM and SPF results and instructs receiving servers on how to handle unauthenticated emails.

#### How Are They Implemented?

- **DKIM:** Involves generating cryptographic keys and adding them to your DNS records. Outgoing emails are then signed with these keys.
- **SPF:** Involves publishing a list of authorized mail servers in your DNS records. Receiving servers check this list to verify incoming emails.
- **DMARC:** Specifies how DKIM and SPF should be used and what action to take if an email fails authentication.

#### Benefits for your Association:

- **Mitigate Phishing Risks:** Prevents cybercriminals from impersonating your association, reducing phishing threats.
- **Higher Email Delivery Rates:** Ensures your important communications reach your members' inboxes reliably.
- **Easy Member Verification:** Members can easily verify that emails claiming to be from you are genuine, building trust.

#### Getting Assistance:

- **MSP Support:** your Managed Service Provider (MSP) is well-equipped to assist in implementing DKIM, SPF, and DMARC. They will provide guidance and support to ensure a seamless deployment.

By implementing DKIM, SPF, and DMARC, you are fortifying your organization's email communication, protecting both your members and the organization from potential cyber threats. Your awareness is essential in ensuring the security and integrity of your digital communication channels.

For more info, contact: [info@501ciso.com](mailto:info@501ciso.com)



# 501CISO

501C CYBERSECURITY LEADERSHIP

