

# Proofpoint Hosted DMARC

Proofpoint Hosted DMARC is a DNS-based hosted authentication service that is available to Proofpoint Email Fraud Defense customers free of charge. This service enables customers to manage DMARC records in DNS through a straightforward web-based DMARC management interface. The solution supports multiple DMARC record configuration options and includes easy-to-use DMARC record import capabilities. This simplifies DMARC record management and puts it in full control of the email team.

## Value

DMARC CHALLENGE OR LIMITATION	HOSTED DMARC SOLUTION
DNS provider limitations on key length	Support for up to three DMARC aggregate (RUA) and three DMARC forensic (RUF) addresses per domain
DMARC selector query performance	Geolocation-based DNS query routing improves service resiliency
Complexity of DNS records prone to errors	Automatic configuration and verification of imported DMARC record syntax
Cost of DNS changes discourages key rotation	Unlimited domains supported
DNS change control lead time	Near real-time updates

## Specifications

FEATURE	DESCRIPTION
Customer portal	Easy-to-use interface for permitting and revoking sender rights
User security	Unique username and strong password
User rights	Configurable at both product and Proofpoint level (federated credential)
Multifactor authentication (MFA)	Option to enforce MFA via customer's identity provider (IDP)
DMARC record mechanisms supported	CNAME
DNS security	Native DNS Security (DNSSEC) support
Protocol and port	UDP/TCP over port 53
Worldwide distributed hosting	Multiple Amazon Web Services (AWS) locations in the United States and European Union
Network access control	AWS Network Access Control
Application access control	AWS Identity and Access Management
DNS service redundancy	Local and regional redundancy
Load balancing	Amazon Network Load Balancer and Geoproximity DNS query routing
Monitoring	24/7 year-round proactive monitoring

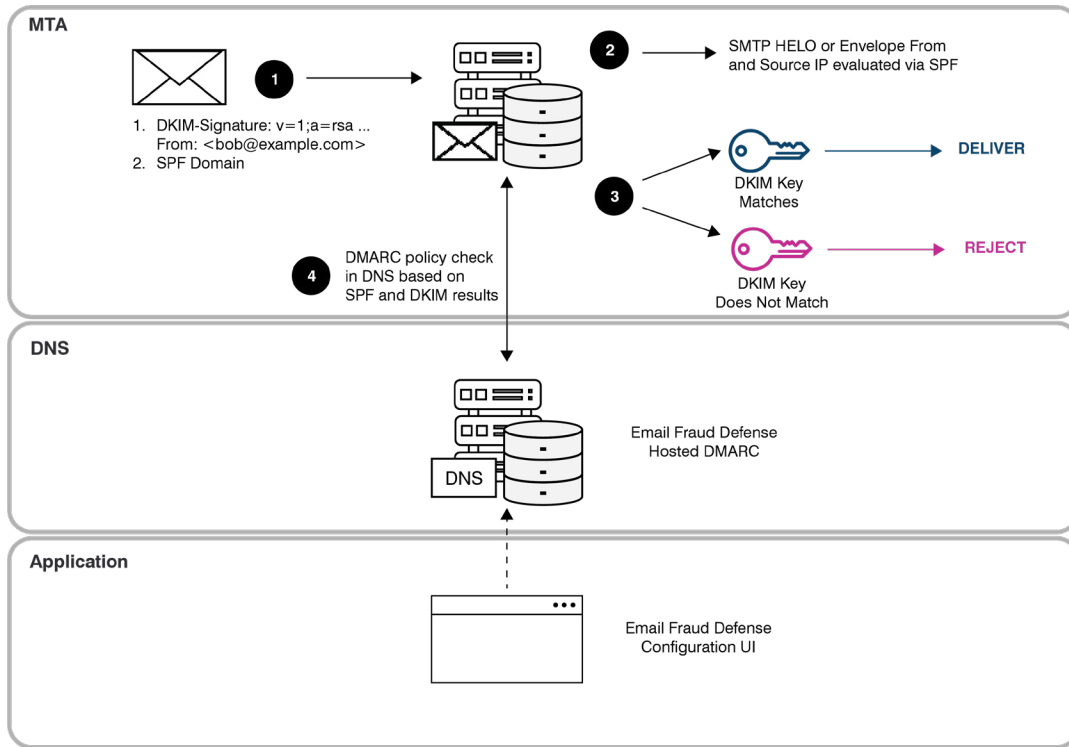


Figure 1: How Proofpoint Hosted DMARC works.

## High Availability

Due to the redundancy and scalability of its architecture, Hosted DMARC operates at the highest levels of availability. In the unlikely event of a service disruption, automatic failover to alternate service location is seamless. DNS caching and message inspection beyond DMARC would also offset the risk to the deliverability of legitimate email.

For more information, contact your account manager.

### LEARN MORE

For more information, visit [proofpoint.com](https://www.proofpoint.com).

#### ABOUT PROOFPOINT

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