



DuoCircle Launches Service that Automatically Flattens SPF Records

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DuoCircle LLC is an integrated, cloud-based email security company. DuoCircle has launched AutoSPF, a service that helps companies avoid going over their DNS lookup limit by automatically flattening their SPF record. Going over the DNS lookup limit can keep emails from being delivered.

SPF (Sender Policy Framework) is an email authentication method used by email delivery services to prevent email spoofing. The problem is that SPF records limit the number of DNS lookups to just 10. Once that limit is exceeded, DNS lookups stop and email delivery starts to break down. Companies that use multiple service providers sending emails on their behalf can quickly exceed their DNS lookup limit. And since SPF comes with no error handling, there won't be any warning that emails aren't getting delivered.

SPF Flattening is simply replacing all the domains in the SPF record with their IP addresses, which eliminates the need for cascading DNS lookups. AutoSPF Does the flattening automatically without any user intervention. In this manner AutoSPF always returns a flattened SPF record to public DNS queries.

"We process email for tens of thousands of domains and receive email from millions of different companies

and it's surprising how many SPF records are malformed. We wanted to provide a service that would help solve this problem," said Brad Slavin, CEO of DuoCircle.

To ensure users never go over their DNS limit, AutoSPF includes the following capabilities: Automatic flattening of all the domains in the include, Deduplication of netblocks of all the domains in the include, Checking for changes in the include every couple minutes, Checking for changes in IP addresses of the service providers every couple minutes, Sending an alert anytime they include has changed, AutoSPF is designed for growing business that need to use multiple cloud services to deliver their emails.

About DuoCircle

DuoCircle, a privately-held company based in San Diego, CA, is a GDPR-compliant, integrated, cloud-based email solutions company with a suite of email security and delivery services. The DuoCircle services include PhishProtection.com, OutboundEmailFiltering.com, MailFlowMonitoring.com, AlumniForwarding.com and Commando.io. DuoCircle is a sponsor of Let's Encrypt, a service provided by the non-profit Internet Security Research Group (ISRG) that gives people free digital certificates because they want to create a more secure and privacy-respecting web.

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DuoCircle

DuoCircle is a provider of inbound and outbound email security solutions including Advanced Threat Defense, phish protection, spam filtering, outbound email filtering and Smart Quarantine.

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