



Cloudmark Security Platform Release 5.9.1  
Announcement

15<sup>th</sup> June, 2023.

Proofpoint's Cloudmark team is pleased to announce a recent and notable upgrade to the Cloudmark Security Platform, release version 5.9.1. This release is significant as it aligns the product as the underpinning for all the Cloudmark-based email and mobile solutions offered by Proofpoint.

Release 5.9.1 further builds on the incredible performance enhancements brought to market in 4Q 2022 with Cloudmark Security Platform release 5.8.1. Release 5.9.1 leverages these enhancements for the benefit of both email and mobile messaging deployment environments. It also demonstrates the rapid development of novel enhancements, ensuring that Proofpoint's threat protection continues to lead the market by a wide margin in performance and functionality.

The Cloudmark Security Platform is the fundamental underpinning of the Proofpoint threat protection for email systems at both ISPs and hosting providers globally as well as the mobile ecosystem, including network operators, communications platform as a service (CPaaS) providers, messaging senders, other mobile messaging systems, and aggregators. The Cloudmark team is proud to release this version as it contains forward-looking enhancements for interoperability, compatibility, and consistency across messaging paradigms.

This release of the Cloudmark Security Platform contains valuable new features to aid internet service providers, mobile network operators, and other messaging providers in deploying and maintaining secure, safe, and efficient messaging services for their end customers.

### ***Key High-Level Benefits***

The Cloudmark Security Platform, release 5.9.1 contains over sixty (60) new features and enhancements since the 5.8.1 release. These additions and improvements provide:

- Combines the platform for this current and future releases across both email and mobile messaging -- ensuring high-velocity feature development for the entire messaging ecosystem and making development more efficient
- Continued improvement on message processing with the addition of faster identification of unwanted content
- Enhances and augments the management of the platform and provides better, more rapid response to novel threats
- Improves the industry-leading catch rates and decreases false positives (FPs)

Fundamental, high-level functionality enhancements are outlined in this announcement. For a full and complete description of all changes, please see the Release notes available from your Cloudmark Support representative at: [cm\\_support@proofpoint.com](mailto:cm_support@proofpoint.com)

## ***Key Functional Enhancements For the Messaging Ecosystem, both email and Mobile***

### **Auth KVP (Authority Key Value Pairs)**

Fundamental enhancements were engineered to the tooling process to increase accuracy in message identification. This results in increasing abuse catch rates while reducing false positives (FPs).

Supplemented tooling enables Authority to receive and provide key-value pairs (KVP) context. This improved tooling helps tailor and finetune detection and the filtering process, thereby improving the accuracy of overall message processing. By utilizing specific criteria most relevant to a particular organization or industry in the process, Cloudmark Security Platform 5.9.1 messaging classification and threat identification accuracy increases, providing better performance against content-based obfuscation tactics used by bad actors.

### **Regexp Lists Performance Improvements**

Advanced yet easy to utilize tooling makes response to new threats straightforward and swift. Increased performance and expanded capabilities to the Regexp Lists enables customer abuse and managed security service teams to quickly create and utilize regular expressions to rapidly respond to novel abuse and threats. This provides for improved messaging processing and identification of unwanted content, more quickly protecting the messaging ecosystem.

## ***Key Functional Enhancements for the Mobile Ecosystem***

### **Enhanced Mobile REST API**

Cloudmark Security Platform release 5.9.1 further builds on the enhancements to 5.8.1 and brings those enhancements to the mobile environment. The latest enhancements to the support of the Mobile REST API are key to the improvements for mobile.

This includes expanded support for Multimedia Messaging Service Interface 7 (MM7). Augmenting the MM7 support already provided to SMS and MM1/3/4, the improved and increased functionality improves the efficiency of processing MM7 related content by reducing errors and aiding in messaging processing. New and upgraded capabilities enable Cloudmark Security Platform 5.9.1 to analyze content and supply a verdict for each recipient surgically, providing higher levels of precision and greater control of Mobile REST sessions.

Additional control of the platform and message processing is provided by augmenting the Mobile REST interface for support of both multiple recipients and with configuration of session parameters. The addition of a Recipient stage ensures that processing loops through all recipients contained in a message. Parameters for the maximum number of sessions and the idle time of the sessions, improves the efficiency and provides for a more deterministic response time to the customer.

New options and parameters for workflow functions enable better insight and interaction with message processing related to HTTP headers and MIME content. Increased insight and control fundamentally improve threat detection and mitigation for the entire ecosystem.

### **Final Statements**

Proofpoint is excited to announce and make available Cloudmark Security Platform release 5.9.1 to email and mobile customers. Utilizing a straightforward upgrade path and leveraging enhanced management capabilities, most customers will be able to seamlessly take advantage of this new release in a very timely fashion. This release will enhance customer experience with the platform and enable for better service and improved performance to their end email customers. For a full and complete description of all changes, please see the Release notes available from your Cloudmark Support representative at: [cm\\_support@proofpoint.com](mailto:cm_support@proofpoint.com)