

SMS Firewall

Release notes

version 1.5.0

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1 Enhancements

- A tool has been developed that brings the text to normalized form according to preconfigured text properties and glossaries of equivalents, and detects the fact of character substitution in message text.
 - Integration with the new AI traffic classifier service has been added, based on advanced multi-lingual artificial intelligence, which allows the System to quickly and efficiently detect spam in real time and with high accuracy.
 - The *URL scanner* interface has been developed. It has a built-in database of known malicious URLs, with the ability to keep track of a list of trusted URLs. The database is updated on schedule.
 - The message parameter *SMSc address* has been added for analysis in *Global rules* and detection of cases of Faking.
 - Possibility has been added to filter binary service messages and verify them for compliance with internal network nodes.
 - An interface has been developed for managing instant and scheduled system configuration backups.
 - Possibility has been added to control and prohibit special characters when performing automatic or manual export of parameter values to *Condition Lists* and *Global Rules*.
 - Visualization of symbol spoofing has been added with partitioning and indication of code points and symbol properties.
 - Synchronization of analytics data with the latest changes in the MCCMNC directory has been added.
 - Quick navigation for traffic rate alerts has been added with navigation to analytics and viewing message log.
 - In the log of analytics messages, parameter values that caused triggering of a tag based on the specified exclusive list filter are now highlighted correctly.
 - In the log of analytics messages, parameter values that caused triggering of a tag based on the specified *List of conditions* are now highlighted correctly.
 - Highlighting of the *Sending MNO* and *Receiving MNO* parameters in the log of analytics messages has been improved when a global rule is triggered.
 - Data filtering in analytics has been added. The data is separated into simulated and real traffic.
 - Possibility has been added to quickly filter data in analytics by timeline for the last hour, 3 hours, 6 hours, 12 hours, 24 hours, 7 days, 30 days, and 90 days.
 - Possibility has been added to view a list of all triggered tags and Watchdog rules both with and without making a decision on the message.
 - A tool has been developed to analyze large pools of voice CDRs for unauthorized use of flash calls and generate visual reporting.
 - A number of changes have been made to improve the user experience when creating and editing tags.
 - Connectivity of users and roles assigned to them has been optimized.
 - The *Destination GT* parameter has been added to the *Simulation* and *Analytics* interfaces to control binary messages.
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Enhancements

- User experience of setting threshold values with deviation from average speed has been optimized, with account for available statistics on average traffic speed.