

Message Content Protection (MCP) module

The goal

The **Data Loss Prevention (DLP)** is a strategy for preventing individuals from accessing **sensitive information** who do not need it. It also ensures that employees do not send sensitive or critical information outside the corporate network. This is achievable thanks to the **Message Content Protection (MCP)** module.

To learn more about the **DLP** you can read the Data Loss Prevention approach explanation.

How it works

In Libraesva ESG you can define **complex rules** to analyze the content of messages and verify their **compliance** with corporate policies.

Each **MCP** rule has its score so the message will have, as is the case for antispam checks, a total score calculated by **adding single rules scores** that have been activated by **MCP** analysis, defined as **MCP** score.

When the MCP score reaches a configured and customizable threshold, one or more configured actions are performed by the appliance (e.g. **Forward** a copy of the message and **Delete** the message).

There are two configurable thresholds (**MCP Score** and **High MCP Score**). The **goal** of this two thresholds is to be **100% sure** a message is a **MCP message** (we are sure if its score reaches the High MCP Score threshold).

For each thresholds different actions are customizable.

Note: the **MCP** score and the **spam** score are **completely independent** scores, having separate rules.

You can enable and customize this module behavior from the Message Content Protection Libraesva ESG page.

Message Content Protection Settings



Inactive

You can define complex rules to analyze the content of messages and verify their compliance with corporate policies. The message will have, as is the case for anti-spam checks, a total score calculated by adding single rules scores that have been activated by MCP analysis, defined as MCP score.

Enable

[MCP Rules Editor](#) [MCP Actions](#) [Help](#)

Rules can be defined either for Subject as for message body.

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Name	Description	Type	Pattern Match	Score	Active	
Esva_Rule_1	Credit Card Number ...	Body	/^((67\d{2}) (4\d{3}))((5[1-5]\d{2}) (6011))-?\s?\d{4}-?\s...	5	Yes	
Esva_Rule_2	Subject Contains 'ban...	Header	Subject =~ /banned/i	2	No	
Esva_Rule_3	Italian Codice Fiscale	Body	/^[A-Za-z]{6}[0-9]{2}[A-Za-z]{1}[0-9]{2}[A-Za-z]{1}[0...	5	Yes	

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