

# Spam Checks Plugins

**Libraesva Email Security** comes with some additional plugins installed in its antispam engine.

These plugins performs **additional checks** to incoming emails, **improving** the spam **detection** rate and **minimizing false positives**.

You can enable or disable one or more additional plugins from the Anti-Spam Settings page.

## Spam Checks Plugins

Network Checks:

Enabled

Enable/Disable Network Checks (DCC, Razor & Pyzor)

Image Spam Recognition:

Disabled

Enable/Disable Image Spam checks

QR Code URI Detection:

Enabled

Enable/Disable QR Code URI Detection

ShortURL Analyzer:

Enabled

Enable/Disable ShortURL Analyzer

Bulk Mail Plugin:

Enabled

Enable/Disable Bulk Mail Plugin to identify and block advertisement email

## Network Checks

This features uses the **Razor**, **Pyzor** and **DCC** plugins to perform additional checks on the spam networks for incoming emails.

**Razor** is a distributed, collaborative, spam detection and filtering network based on user submissions of spam. Detection is done with signatures that efficiently spot mutating spam content and user input is validated through reputation assignments.

**Pyzor** is a collaborative, networked system to detect and block spam using digests of messages from all clients.

**DCC** or **Distributed Checksum Clearinghouse** is a system of servers collecting and counting checksums of millions of mail messages. The counts can be used to detect or filter spam.

# Image Spam Recognition

This plugin converts the images attached or in the email body into plain text. The converted text will be analyzed by the antispam engine. This can be useful to block spam image campaigns.

# QR Code URI Detection

This plugin reads QR codes attached or in the email body and converts them into plain text. If the QR codes hides an URI, it will be analyzed by the antispam and by the security engine of the appliance.

# ShortURL Analyzer

Spammers and criminals usually use **URL shortening services** to obfuscate their URIs to **evade** antispam and security checks. Thanks to this plugin, **Libraesva Email Security** detects malicious and spam URIs **even if shortened**.

# Bulk Mail Plugin

Spammers usually bulk send emails. This plugin helps the antispam engine to understand if an email has been bulk sent. If the email has been bulk sent the antispam increases its spam score.