

# Dictionary Based Rules

Libraesva ESG allows dictionary based content filtering rules. This feature provides a powerful content filtering capability to mitigate the risks associated with email. A policy rule compares words in a dictionary to those in an email and performs an action when there is a match. You can use this technology to analyze for profanity and other undesirable content entering your organization.

The screenshot shows the 'Dictionary Based Rules' configuration page. At the top, there is a navigation bar with tabs: Home, System, Reports, Quarantine, and Search. Below this is a secondary navigation bar with dropdown menus: Appliance, Mail Transport, Content Analysis (selected), Authentication, and High Availability. The main content area has a green header 'Dictionary Based Rules'. Below the header, there is a text block explaining the feature: 'Libra Esva allows dictionary based content filtering rules. This features provides pre-defined dictionaries as well as custom ones.' There are three tabs: Dictionary (selected), Word List, and Dictionary Rules. The 'Dictionary' tab is active, showing a section titled 'Dictionary' with a description: 'From this section you can manage dictionaries. Each dictionary is defined by a name and by a matching threshold, based on the number of occurencies of it's word list.' Below this is a toolbar with '+ New', 'Search', and 'Apply Settings'. A table is shown with columns: Dictionary ID, Dictionary Name, Matching Threshold, and Enable. The table is empty, displaying 'No records found'. At the bottom of the table, there are navigation icons: a magnifying glass, first, previous, next, and last.

To set up dictionary based rules, first you need a **Dictionary**; click on New in the toolbar to create a new dictionary:

The 'Add record' dialog box is shown. It has a title bar with 'Add record' and a close button (X). The form contains three fields: 'Dictionary Name:' with a text input field, 'Matching Threshold:' with a numeric input field set to 3, and 'Enable:' with a dropdown menu set to 'Enabled'. Below the 'Dictionary Name' field, there is a red error message: 'No spaces and special chars allowed and cannot be empty!'. Below the 'Matching Threshold' field, there is a hint: 'Enter the number of word occurrences that will cause message action'. At the bottom of the dialog, there are three buttons: 'Save & New' (green), 'Save' (green), and 'Cancel' (orange).

<b>Dictionary Name</b>	Enter a friendly name, no spaces or special chars are allowed
<b>Matching Threshold</b>	Enter the number of dictionary word occurrences that will trigger the message action under dictionary rules
<b>Enable</b>	Enable or Disable the dictionary

After you have created your Dictionary, you can now import or manually add words to it by selecting Word List Tab. You can add words individually or Text import a word list (one word per line).

Then you can create a Dictionary Rule by selecting the last tab and clicking New:

Add record

Rule Description:

Enter a Rule Description

Dictionary:
TEST\_DICTIONARY

Direction:
To

Select the rule versus

Sender/Recipient:
default

Permitted values: default, domain.tld, email address, ip address.

Quarantine Message:
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Not Deliver the message and store it into quarantine

Forward Message To:

Enter a valid email address

Add Extra Header:

Add an extra header (For example: X-Dictionary: Yes)

Enable:
Enabled

Enable / Disable this rule

Save & New
Save
Cancel

<b>Rule Description</b>	Enter a friendly description
<b>Dictionary</b>	Select one of the available dictionaries
<b>Direction</b>	Select To, From or FromOrTo

<b>Sender/Recipient</b>	Enter an email, a domain name, an ip address or the keyword default to match all
<b>Quarantine Message</b>	Select this option to store the message into the quarantine if the rule triggers
<b>Forward Message To</b>	Enter an email address if you want to forward copy of the message to someone else
<b>Add Extra Header</b>	Specify the extra header that will be added in case you still want to deliver the message to the intended recipient
<b>Enable</b>	Enable or Disable the rule