Working with Dictionary Profiles in FortiMail

Your FortiMail unit can use a dictionary profile to determine if an email is likely to be spam, based on predefined or user-defined patterns, like a Canadian SIN pattern. While the process sounds similar to banned words scanning, dictionary terms are UTF-8 encoded, which means they can include characters other than US-ASCII characters, such as é or ñ.g

In this recipe, we'll guide you through the process of creating a dictionary profile and then we'll configure the dictionary options.

Caution: Unlike banned word scans, dictionary profile scans are more resource intensive.

Creating a Dictionary Profile

1. Go to **Profile** > **Dictionary** > **Dictionary**.
2. Select **New** to create a new profile or edit an existing profile by selecting a profile and selecting **Edit**.
3. Enter the name for the profile.
4. Double click an existing predefined pattern and then select **Enable** and then **OK.**
5. If you wish to create your own pattern, select **New** in the Dictionary Entries section.
6. Enable the pattern and enter a word or phrase that you want the dictionary to match. Matches are case insensitive.
7. Select Regex or Wildcard from the Pattern type dropdown menu.
8. Enter the pattern weight and maximum pattern weight.
9. Enable whether to match occurrences of the pattern when it is located in an email's header or body.
10. Select **Create** and **Create** once more.

Configuring Dictionary Options

With the dictionary profile created, we can now move on to configuring the dictionary scan options.

To configure dictionary scan options

1. Go to **Profile** > **AntiSpam** > **AntiSpam**.
2. Double-click an existing profile.
3. Expand the Scan Configuration section and then the Dictionary section.
4. Enable Dictionary.
5. Select the Action profile you want the FortiMail unit to use if the heuristic scan finds spam email.
6. Select the previously created profile from the dictionary profile dropdown menu.
7. Enter the minimum dictionary score. This is the number of dictionary term matches above which the email will be considered spam.
8. Select **OK**.