

Antispam Settings

NOTE: This section requires any saved changes to be applied by clicking the Apply Settings button on the bottom of the page.

User Portal Address

This is the address for the users to reach the User Self-Service Portal. This is the address Hermes SEG uses to generate the links in the Daily Quarantine Reports. It should be set to a URL that can be resolved from the Internet and the URL must end with /users/.

Example: **<https://hermes.domain.tld/users/>**

Spam Filter Uses Distributed Checksum Clearinghouse (DCC)

A Distributed Checksum Clearinghouse is a method of sharing checksums of incoming email to a Clearinghouse. The clearinghouse responds with the number of times those checksums have been received by other systems. If the checksums have appeared multiple times, then it's a good chance the incoming email is bulk email. It's recommended that this setting is set to **Enabled**.

Spam Filter Uses Vipul's Razor V2

Before enabling this setting, you must first have initialized Vipul's Razor by going to **Content Checks --> Initialize Vipul's Razor**.

Vipul's Razor is a distributed, collaborative, spam detection and filtering network. Through user contribution, Razor establishes a distributed and constantly updating catalogue of spam in propagation that is consulted by email clients to filter out known spam. Detection is done with statistical and randomized signatures that efficiently spot mutating spam content. User input is validated through reputation assignments based on consensus on report and revoke assertions which in turn is used for computing confidence values associated with individual signatures. It's recommended that this setting is set to **Enabled**.

Spam Filter Uses Pyzor

Before enabling this setting, you must first have initialized Vipul's Razor by going to **Content Checks --> Initialize Pyzor**.

Pyzor is a collaborative, networked system to detect and block spam using digests of messages. It's recommended that this setting is set to **Enabled**.

Spam Message Modified Subject String

In Hermes SEG there are two types of Spam emails. Spam emails that get tagged as Spam but still passed to the user mailbox and Spam emails that the system quarantines and does NOT pass to the user mailbox.

This is the string that Hermes SEG will append to the subject of an email that it has determined to be Spam and pass to the user mailbox. This setting has no effect on Spam emails that the Hermes SEG quarantines. The default setting is **[SUSPECTED SPAM]**. Adjust as necessary to your requirements.

Virus Messages Action to take

This setting configures which action Hermes SEG should take with Virus Emails. The Quarantine Only action will simply quarantine the email and not pass to the user mailbox. The Quarantine & Send DSN to Sender will quarantine the email and send notice back to the sender that the messages was blocked. Normally, it's recommended to NOT send a notice back to the sender that the message was blocked in order to reduce backscatter. It's recommended that this setting is set to **Quarantine Only**.

Banned File Message Action to take

This setting configures which action Hermes SEG should take with emails with banned attachments. The Quarantine Only action will simply quarantine the email and not pass to the user mailbox. The Quarantine & Send DSN to Sender will quarantine the email and send notice back to the sender that the messages was blocked. Normally, it's recommended to NOT send a notice back to the sender that the message was blocked in order to reduce backscatter. It's recommended that this setting is set to **Quarantine Only**.

Spam Messages Action to take

This setting configures which action Hermes SEG should take with Spam emails that the system quarantines. The Quarantine Only action will simply quarantine the email and not pass to the user mailbox. The Quarantine & Send DSN to Sender will quarantine the email and send notice back to the sender that the messages was blocked. Normally, it's recommended to NOT send a notice back

to the sender that the message was blocked in order to reduce backscatter. It's recommended that this setting is set to **Quarantine Only**.

Bad-Header Messages Action to take

This setting configures which action Hermes SEG should take with emails with bad-headers that the system quarantines. The Quarantine Only action will simply quarantine the email and not pass to the user mailbox. The Quarantine & Send DSN to Sender will quarantine the email and send notice back to the sender that the messages was blocked. Normally, it's recommended to NOT send a notice back to the sender that the message was blocked in order to reduce backscatter. It's recommended that this setting is set to **Quarantine Only**.

Bayes Database

The Bayes Database tries to identify Spam by looking at words or short character sequences that are commonly found in Spam or Non-Spam email.

This settings configures Hermes SEG whether to use or not use the Bayes Database to determine Spam email. Please note, that if this setting was previously set to Enabled and you created **Custom Antispam Filter Tests**, settings this setting to **Disabled** will clear out all the Custom Antispam Filter Tests you previously set. It's recommended that this setting is set to **Enabled**.

Bayes Database Auto Learn

Note: This setting will have no effect unless the Bayes Database setting above is set to Enabled.

This feature will configure Hermes SEG to automatically train the Bayes Database with Spam or Non-Spam Emails. In the course of scanning an incoming email, the system will assign a Spam probability score to that email. The higher the score, the higher the probability the email is Spam. This setting will configure the system to automatically train the Bayes Database with the incoming email being Spam or Non-Spam based on the **Bayes Database Auto Learn Spam Threshold Score** and the **Bayes Database Auto Learn Non-Spam Threshold Score** values below. Normally, we do NOT recommend enabling this setting. Allowing the system to automatically train the Bayes Database can exaggerate problems over time, thus we always recommend that the Bayes Database should ONLY be trained by humans under **Content Checks --> Message History & Archive**. It's recommended that this setting is set to **Disabled**.

Bayes Database Auto Learn Spam Threshold Score

Note: This setting will have no effect unless the Bayes Database Auto Learn setting above is set to Enabled.

This setting configures Hermes SEG to automatically train the Bayes Database with incoming emails that have a score of equal or greater than the value set below as Spam. The default value of this setting is set to **15**.

Bayes Database Auto Learn Non-Spam Threshold Score

Note: This setting will have no effect unless the Bayes Database Auto Learn setting above is set to Enabled.

This setting configures Hermes SEG to automatically train the Bayes Database with incoming emails that have a score of equal or less than the value set below as Non-Spam. The default value of this setting is set to **-5**.

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