SpamAssassin Plugin Documentation

Plugin allows to use SpamAssassin with i-MSCP.

Requirements

- i-MSCP versions >= 1.1.0
- Spamassassin 3.3.x
- Roundcube 0.9.x
- See installation section for required software packages.

Existing milter configurations

This plugin will not check for an existing milter configuration in the Postfix main.cf file. If you need to add an extra milter, please ask in our forum!

Installation

1. Install the needed Debian / Ubuntu packages

Debian Squeeze / Ubuntu Lucid (Spamassassin version 3.3.1)

Installation of spamassasin packages:

```
# aptitude update
# aptitude install spamassassin spamass-milter libmail-dkim-perl libnet-
ident-perl libencode-detect-perl
```

Configuration of spamassasin:

```
# groupadd -g 5001 debian-spamd
# useradd -u 5001 -g debian-spamd -s /bin/sh -d /var/lib/spamassassin
debian-spamd
# mkdir /var/lib/spamassassin
# chown debian-spamd:debian-spamd /var/lib/spamassassin
```

Debian Squeeze - from backports (Spamassassin version 3.3.2)

Add the backports of Debian Squezze to your /etc/apt/sources.list:

```
deb http://backports.debian.org/debian-backports squeeze-backports main
contrib non-free
```

Installation of spamassasin packages:

```
# aptitude update
# aptitude -t squeeze-backports install spamassassin
# aptitude install spamass-milter libmail-dkim-perl libnet-ident-perl
libencode-detect-perl
```

All other Debian / Ubuntu versions

Installation of spamassasin packages:

```
# aptitude update
# aptitude install spamassassin spamass-milter libmail-dkim-perl libnet-
ident-perl libencode-detect-perl
```

2. Optional install pyzor and razor

```
# aptitude install pyzor razor
```

3. Get the plugin from Plugin Store

http://i-mscp.net/filebase/index.php/Filebase/

4. Plugin upload and installation

- Login into the panel as admin and go to the plugin management interface
- Upload the SpamAssassin plugin archive
- Install the plugin

Update

1. Get the plugin from github

```
# cd /usr/local/src
# git clone git://github.com/i-MSCP/plugins.git
```

2. Create new Plugin archive

```
# cd plugins
# tar cvzf SpamAssassin.tar.gz SpamAssassin
```

3. Backup your current plugin config

```
# plugins/SpamAssassin/config.php
```

4. Plugin upload and update

- Login into the panel as admin and go to the plugin management interface
- Upload the SpamAssassin plugin archive
- Update the plugin list

Configuration

For the different configuration options please check the plugin config file.

```
# plugins/SpamAssassin/config.php
```

After you made your config changes, don't forget to update the plugin list.

- Login into the panel as admin and go to the plugin management interface
- Update the plugin list

3rd party SpamAssasin Plugins

DecodeShortURLs

The DecodeShortURLs plugin looks for URLs shortened by a list of URL shortening services and upon finding a matching URL will connect using to the shortening service and do an HTTP HEAD lookup and retrieve the location header which points to the actual shortened URL, it then adds this URL to the list of URIs extracted by SpamAssassin which can then be accessed by other plugins, such as URIDNSBL.

iXhash2

iXhash2 is an unofficial improved version of iXhash plugin for SpamAssassin, adding async DNS lookups for performance and removing unneeded features. It's fully compatible with the iXhash 1.5.5 implementation.

Included Roundcube Plugins

markasjunk2

If enabled in the config.php file, the Roundcube plugin markasjunk2 adds a new button to the mailbox toolbar to mark the selected messages as 'Junk'/'Not Junk' and will also learn the bayesian database. It will also detach original messages from spam reports if the message is not junk.

sauserprefs

If enabled in the config.php file, the Roundcube plugin sauserprefs adds a 'Spam' tab to the 'Settings' to allow the users to change their SpamAssassin preferences which are stored in the imscp_spamassassin database. The SpamAssassin preferences shown in Roundcube will vary depending the changes you make in the config.php file.

Roundcube user config: Settings → Spam

Move Spam into Junk folder

If you want to move Spam massages into the users Junk folder, you will need the Roundcube Plugin managesieve, which is included in the I-MSCP Plugin RoundcubePlugins.

SpamAssassin user preferences

The default SpamAssassin user preferences are stored in the table **userpref** of the **imscp_spamassassin** database.

Global SpamAssassin preferences

These are the $GLOBAL default values which will be imported during plugin installation.

username	preference	value
$GLOBAL	required_score	5
$GLOBAL	rewrite_header Subject	*****SPAM*****
$GLOBAL	report_safe	1
$GLOBAL	use_bayes	1
$GLOBAL	use_bayes_rules	1
$GLOBAL	bayes_auto_learn	1
$GLOBAL	bayes_auto_learn_threshold_nonspam	0.1
$GLOBAL	bayes_auto_learn_threshold_spam	12.0
$GLOBAL	use_auto_whitelist	0
$GLOBAL	skip_rbl_checks	1
$GLOBAL	use_razor2	0
$GLOBAL	use_pyzor	0
$GLOBAL	use_dcc	0
$GLOBAL	score USER_IN_BLACKLIST	10
$GLOBAL	score USER_IN_WHITELIST	-6

The $GLOBAL values will be used as long as the user has no specific entries in the table. If you want to change some $GLOBAL options, please do that directly in the database.

Per-Domain SpamAssassin preferences

You could also specify domain specific entries, which will be used as default only for that domain, until the user has no individual entry in the userpref table. Here are some examples for the domain **example.com**:

username	preference	value
%example.com	required_score	8
%example.com	rewrite_header Subject	[SPAM]

username	preference	value
%example.com	report_safe	0

Per-User SpamAssassin preferences

If you enabled the Roundcube Plugin **sauserprefs** in the config.php file, then the user can change his SpamAssassin preferences under Roundcube → Settings → Spam.

The user preferences will also be stored in the **userpref** table with the mail address as username.

username	preference	value
user@example.com	required_score	6
user@example.com	rewrite_header Subject	[SPAM-_HITS_]

Testing

GTUBE (Generic Test for Unsolicited Bulk Email)

Send yourself a mail from another account (e.g. gmail or any other freemailer) with the following content in the message:

```
XJS*C4JDBQADN1.NSBN3*2IDNEN*GTUBE-STANDARD-ANTI-UBE-TEST-EMAIL*C.34X
```

Note that this should be reproduced in one line, without whitespace or line breaks.

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