

```
#!/bin/bash
#
#####
#
#   Name:           SpamAssassin.sh
#   Author:         Chris Fedun 31/01/2017
#   Description:    SpamAssassin Setup Script
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#
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#
#####
####Constants####
domain_name=$1

function fix_bug
{
    sed -i '
s/return if !defined \$_\[0\];/return undef if !defined \$_\[0\];/
' /usr/share/perl5/Mail/SpamAssassin/Util.pm
}

function enc_scan
{
    postconf smtpd_milters=unix:/spamass/spamass.sock
    postconf milter_connect_macros="i j {daemon_name} v {if_name} _"

    sed -i '
s/OPTIONS="--create-prefs --max-children 5 --helper-home-dir"/\#OPTIONS="--create-prefs
--max-children 5 --helper-home-dir"\nOPTIONS="--create-prefs --max-children 5
--helper-home-dir -x -u vmmail"/
' /etc/default/spamassassin

    sed -i '
s/CRON=0/\#CRON=0\nCRON=1/
' /etc/default/spamassassin

    systemctl enable spamassassin
    adduser spamass-milter debian-spamd
    service spamassassin restart
    service spamass-milter restart
}

function send_to_junk_folder
{
    sed -i '
/ \#sieve_after2 = (etc...)/ a\
sieve_after = /etc/dovecot/sieve-after

' /etc/dovecot/conf.d/90-sieve.conf

    mkdir /etc/dovecot/sieve-after
    touch /etc/dovecot/sieve-after/spam-to-folder.sieve
    echo 'require ["fileinto","mailbox"];' > /etc/dovecot/sieve-after/spam-to-folder.sieve
    echo " " >> /etc/dovecot/sieve-after/spam-to-folder.sieve
    echo 'if header :contains "X-Spam-Flag" "YES" {' >> /etc/dovecot/sieve-after/

```

```
spam-to-folder.sieve
echo ' fileinto :create "INBOX.Junk";' >> /etc/dovecot/sieve-after/spam-to-folder.sieve
echo ' stop;' >> /etc/dovecot/sieve-after/spam-to-folder.sieve
echo '}' >> /etc/dovecot/sieve-after/spam-to-folder.sieve

sievec /etc/dovecot/sieve-after/spam-to-folder.sieve

service dovecot restart

}
##### Main
# Fix Debian bug #739738
fix_bug

#Enable spam scanning with SpamAssassin
enc_scan

#Send Spam to the Junk Folder
send_to_junk_folder

exit
#####END :) #####
```