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# sm-archive Sendmail milter - Version 1.9

## Packages

The various source and binary packages are available at <http://www.five-ten-sg.com/sm-archive/packages/>  
The most recent documentation is available at <http://www.five-ten-sg.com/sm-archive/>

A Mercurial [<http://www.selenic.com/mercurial/wiki/>] source code repository for this project is available at <http://hg.five-ten-sg.com/sm-archive/>.

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## Name

sm-archive — a sendmail milter to add recipients to messages

## Synopsis

```
sm-archive [-c] [-d n] [-p sendmail-socket] [-t timeout]
```

## Options

<code>-c</code>	Load the configuration file, print a canonical form of the configuration on stdout, and exit.
<code>-d <i>n</i></code>	Set the debug level to <i>n</i> .
<code>-p <i>sendmail-socket</i></code>	Set the socket used for the milter connection to sendmail. This is either "inet:port@ip-address" or "local:local-domain-socket-file-name".
<code>-t <i>timeout</i></code>	Set the timeout in seconds used for communication with sendmail.

## Usage

**sm-archive -c**

**sm-archive -d 10 -p local:sm-archive.sock**

## Installation

This is now a standard GNU autoconf/automake installation, so the normal `./configure; make; su; make install` works. `make chkconfig` will setup the `init.d` runlevel scripts. Alternatively, you can use the source or binary RPMs at <http://www.five-ten-sg.com/sm-archive/packages>.

Note that this has ONLY been tested on Linux, specifically RedHat Linux. You will need at a minimum a C++ compiler with a minimally thread safe STL implementation. The distribution includes a `test.cpp` program. If it fails this milter won't work. If it passes, this milter might work.

Modify your `sendmail.mc` by adding the following line in your `sendmail.mc` and rebuild the `.cf` file

```
INPUT_MAIL_FILTER(`sm-archive', `S=local:/var/run/sm-archive/sm-archive.sock, F=T, ')
```

Modify the default `sm-archive.conf(5)` configuration.

## Configuration

The configuration file is documented in `sm-archive.conf(5)`. Any change to the config file, or any file included from that config file, will cause it to be reloaded within three minutes.

## Introduction

Consider the problem of archiving all the mail sent to or from particular email addresses or domains. This milter allows you to configure archive mailboxes for each address or domain. It will add the address of the archive mailbox to messages that pass thru this milter.

The archive milter reads a text configuration file (sm-archive.conf) on startup, and whenever the config file (or any of the referenced include files) is changed. The entire configuration file is case insensitive. If the configuration cannot be loaded due to a syntax error, the milter will log the error and quit. If the configuration cannot be reloaded after being modified, the milter will log the error and send an email to root from sm-archive@\$hostname. You probably want to add sm-archive@\$hostname to your /etc/mail/virtusertable since otherwise sendmail will reject that message.

## TODO

Placeholder for future ideas.

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## Name

sm-archive.conf — configuration file for sm-archive sendmail milter

## Synopsis

sm-archive.conf

## Description

The **sm-archive.conf** configuration file is specified by this partial bnf description.

```
CONFIG      = {ENV-FROM ENV-TO}+
ENV-FROM    = env_from "{" LIST "}" ";"
ENV-TO      = rcpt_to  "{" LIST "}" ";"
LIST        = ELEMENT {LIST}+
ELEMENT     = ADDRESS TARGET ["remove"] ";"
ADDRESS     = (USER@ | DOMAIN | USER@DOMAIN)
TARGET      = (" | USER@DOMAIN)
```

## Sample

```
env_from {
    fred@example.com    manager@example.com;
    example.com         archive@example.com;

    # suppress archiving for joe
    joe@example.com     "";
};

rcpt_to {
    fred@example.com    manager@example.com;

    # sam does not get a copy
    sam@example.com     manager@example.com remove;
};
```

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