Note: This CLAMAV_MAC file refers to the contents of it's corresponding source tarball and the building/installation of ClamAV.

AUTO-STARTUP AND INSTALLATION INSTRUCTIONS
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These instruction have been tested with versions 0.70 - 0.75.1 and may work with ewer versions as they come out.

If you are using a newer version, examine the conf files and make the corresponding changes

The files included in the CLAMAV_MAC tarball provide a way to start the service without logging in as well as a way to manually start, stop and reload this service.

First lets set up our user:

```
sudo niutil -create . /groups/clamav
sudo niutil -createprop . /groups/clamav gid 30
sudo niutil -create . /users/clamav
sudo niutil -createprop . /users/clamav uid 30
sudo niutil -createprop . /users/clamav gid 30
sudo niutil -createprop . /users/clamav shell /bin/tcsh
sudo niutil -createprop . /users/clamav home /tmp
sudo niutil -createprop . /users/clamav passwd "*"
```

Build clamav with one of the following commands:

```
./configure --prefix=/usr --mandir=/usr/share/man --sysconfdir=/
etc; make; make install

./configure --mandir=/usr/local/share/man --sysconfdir=/etc; make;
make install
```

Move the "CLAMAV" folder to "/System/Library/StartupItems/".

```
sudo chown root:admin /System/Library/StartupItems/CLAMAV/*
sudo chmod 0755 /System/Library/StartupItems/CLAMAV/CLAMAV
```

Note: You can also place the folder in /Library/StartupItems/

Move clamav.conf and freshclam.conf from this tarball to "/etc".

Open /etc/hostconfig with an editor and insert the following line:

```
CLAMAV=-YES-
```

save the file.

With the flag set to "-YES-", clamav will be enabled at startup.

If you wish to disable auto startup at any time, set "CLAMAV=-NO-" in /private/etc/hostconfig and it will disable this service and prevent manually starting it.

With the service enabled, you can start, stop and reload the service manually at any time from terminal with one of the following commands:

```
sudo SystemStarter start "CLAMAV"
sudo SystemStarter stop "CLAMAV"
sudo SystemStarter reload "CLAMAV"
```


A safety has been built in preventing you from starting the service if you have disabled it in /private/etc/hostconfig.

Finally we can set up the folders and log files that `clamav` needs.

```
sudo mkdir /var/clamav
sudo chown clamav:clamav /var/clamav
sudo chmod 0644 /var/clamav
sudo touch /var/log/clamd.log
sudo touch /var/log/clam-update.log
sudo chmod 0644 /var/log/clamd.log
sudo chmod 0644 /var/log/clam-update.log
sudo chown clamav /var/log/clamd.log
sudo chown clamav /var/log/clam-update.log
```

AGREEMENT

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