

How to have Weasel automatically check all incoming mail

If you use the excellent mail server Weasel of Peter Moylan you can have all incoming email automatically checked for viruses before they are delivered using NVC.

Below I'll describe how we do this here at work.

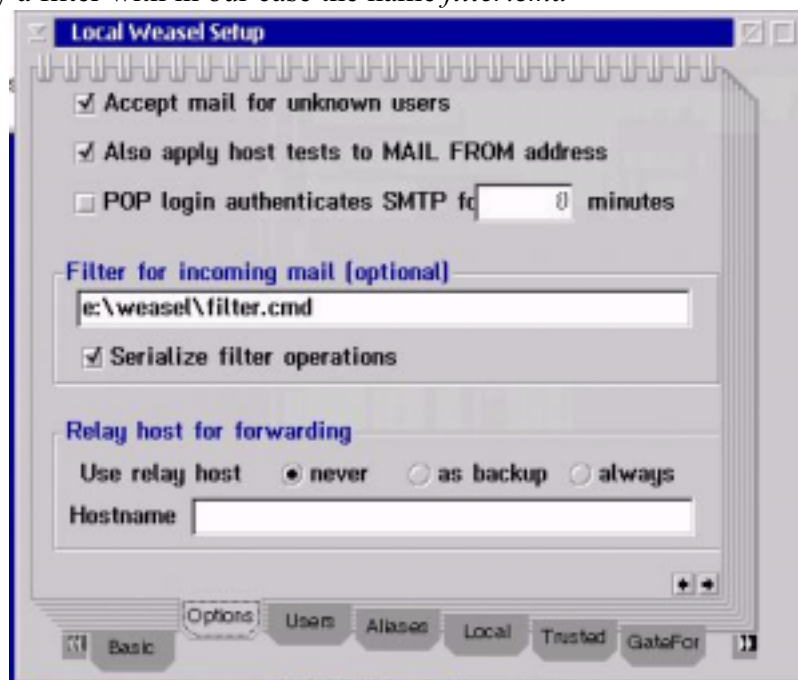
Goal :

1. All infected emails have to be placed into the mail box of an account with the name *Contaminated*. This is to be able to track where the email comes from and to warn the sender if possible. We can't automate this process as in many cases the virus has altered the reply address.
2. In case the email is infected the mail server that sends the email to us has to be notified that the email has been rejected.

How to accomplish this :

First of all create a user *Contaminated* using the Weasel setup program.

Then specify a filter with in our case the name *filter.cmd*



filter.cmd

```
/* filter script */

PARSE ARG messagefile namefile
'c:\norman\nvc\bin\nvcc.exe /CP /C /N /U 'messagefile
IF RC = 1 THEN
DO
    lastbackslash = LASTPOS( '\',messagefile )
    lengthname    = LENGTH( messagefile )
    filename      = RIGHT( messagefile, lengthname - lastbackslash )

    PARSE VAR filename name '.' extension
    'copy 'messagefile' e:\Weasel\MailRoot\contaminated\'name'.MSG'
EXIT 3
```

```
END
ELSE
EXIT 0
```

messagefile : variable that contains the complete path and name of the file that contains the email that has been received by weasel. This variable is passed by Weasel to the filter script.

If the file has a virus we do the following.

We strip the path from this file so that only the filename is left.

Then the extension is stripped off and a new extension .MSG is added to the name.

This is done so that Weasel can recognize the file as a valid email message when it is moved into the directory of a mail account.

Now the file is copied into the directory where the emails of the account *contaminated* are stored and a code 3 is returned meaning that Weasel has to notify the originating mail server that the email has been rejected.