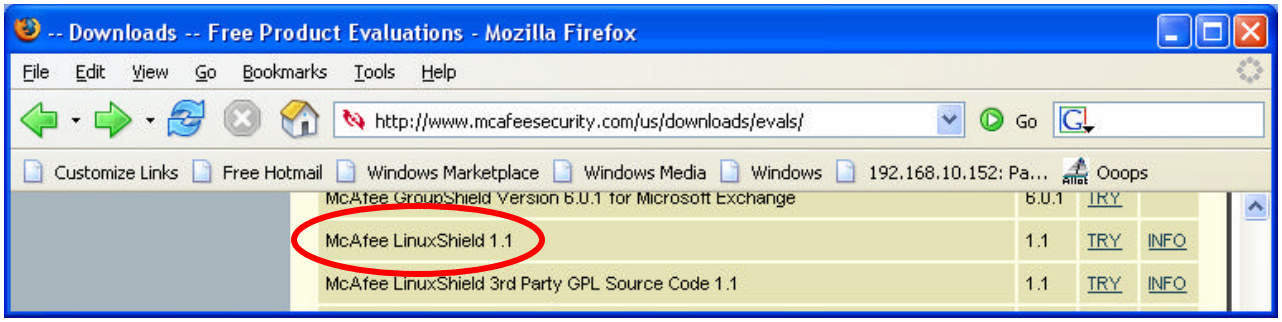
This documents describes the necessary steps to install McAfee Linux Shield on Red Hat 9.0. During installation, you will be asked to supply a password and some other information. It's not my purpose to replace any official documentation or release notes. It's just easier to run it as simple as possible.

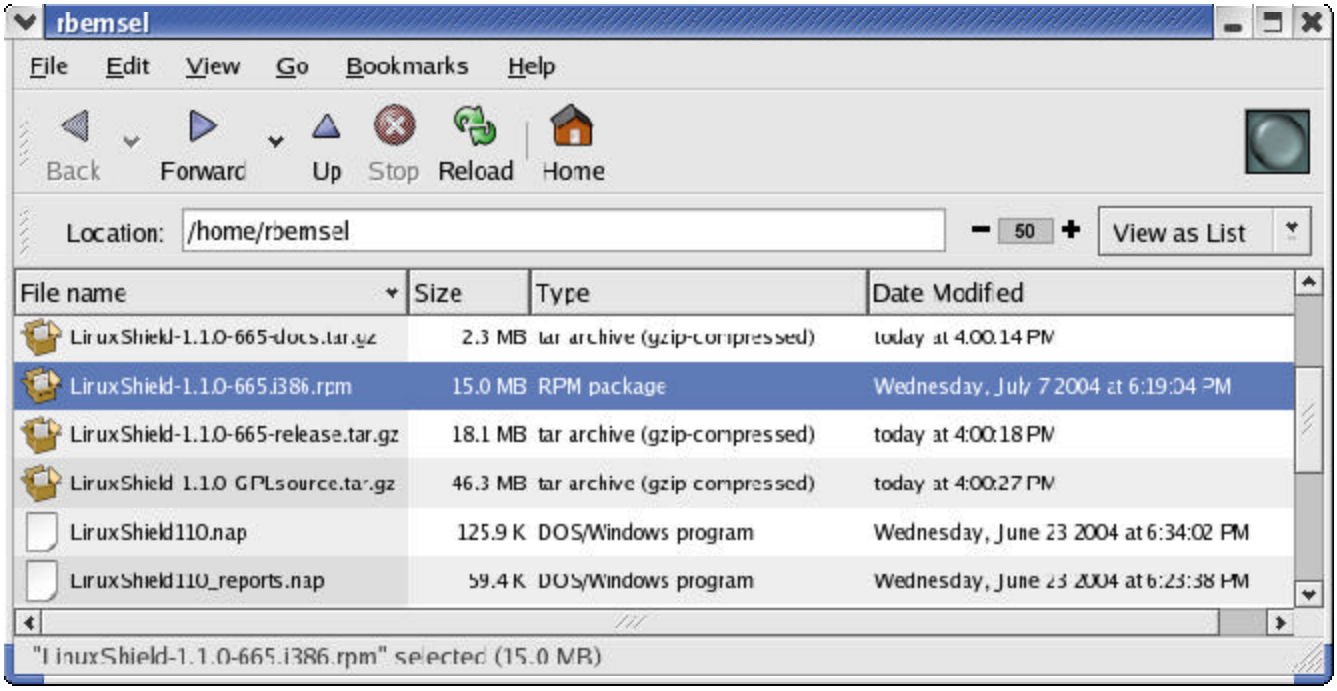
Download Linux Shield from McAfee Eval Page or use your purchased package.



When installing, you can set up e-mail notification for alerts. To do this, you need an MTA (Mail Transfer Agent) configured. You may also run a email test before starting the installation by telnetting into MTA

```
[root@SpaceLord rbemsel]# telnet 192.168.10.235 25 Trying 192.168.10.235...
Connected to 192.168.10.235.
Escape character is '^]'.
220 bemsel.home ESMTP MailEnable Service, Version: 1.703-- ready at
12/20/04 16:39:54
helo bemsel.home
250 Requested mail action okay, completed mail from: Linux@bemsel.home
250 Requested mail action okay, completed rcpt to: itsec@bemsel.home
250 Requested mail action okay, completed data
354 Start mail input; end with <CRLF>.<CRLF>
from: Linux@bemsel.home
to: itsec@bemsel.home
subject: Email Test out of Linux Client
.
250 Requested mail action okay, completed quit
221 Service closing transmission channel Connection closed by foreign host.
[root@SpaceLord rbemsel]#
```

1. Extract the Gzip-File



2. You may have to change the user in order to install the application.

3. Open a terminal and enter on the command prompt:

4. `[root@SpaceLord rbemsel]#` rpm –i LinuxShield-1.0.0-665.i386.rpm

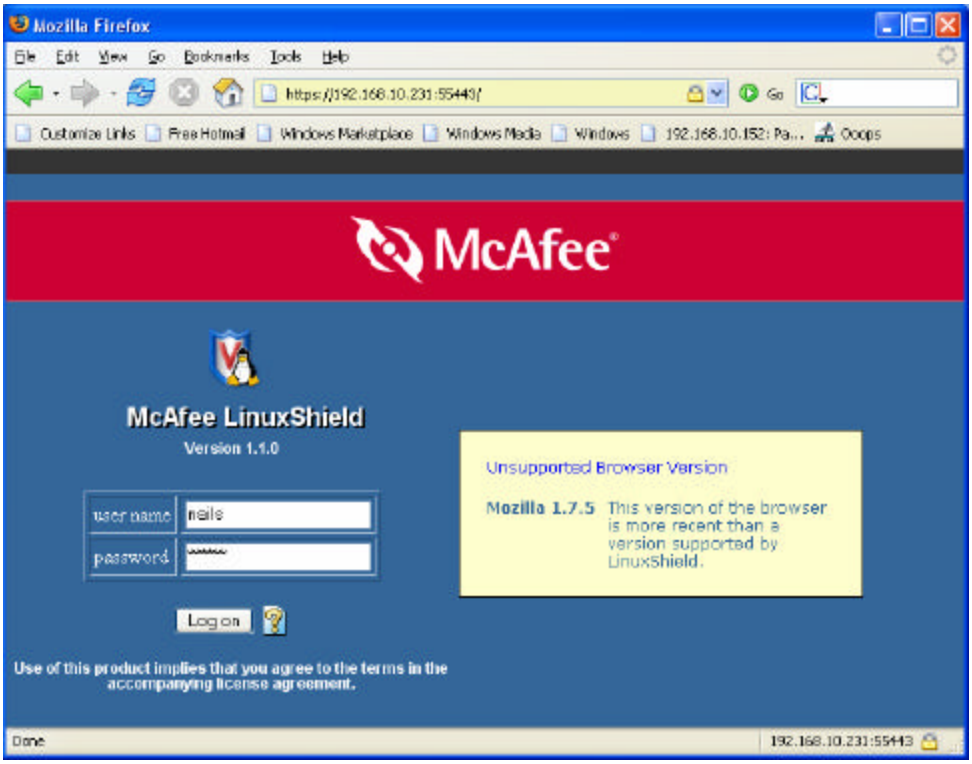
5. You'll be presented with License Agreement.

6. You have to accept in order to continue the installation

```
Enter accept or reject: accept


This is the LinuxShield installer.  To accept the default answer for any question,
simply press the ENTER key

Enter the name of a Linux group for LinuxShield administration. [nails] <ENTER> Enter
the name of a Linux user for LinuxShield administration. [nails] <ENTER> Changing
password for user nails.
New password: <password>
Retype New password: <password>
passwd: all authentication tokens updated successfully.
Enter your chosen installation directory for LinuxShield:[/opt/NAI/LinuxShield]<enter>
Enter your chosen runtime directory for LinuxShield:[/var/opt/NAI/LinuxShield] <enter>
Enter the path where the quarantine directory should be created:[/quarantine] <enter>
Enter the email address of the LinuxShield administrator:
[LinuxShieldAdmin@(none)] itsec@bemsel.home
```

(I'm using a different SMTP Server on my Windows Machine.)

```
Enter the address for the SMTP host: [192.168.10.231] 192.168.10.235
Enter the TCP/IP port number for the SMTP host: [25] <enter>
Enter the IP address on which the LinuxShield monitor service listens:
[192.168.10.231] <enter>
Enter the TCP/IP port number on which the LinuxShield monitor service
listens: [65443] <enter>
Do you wish to install the LinuxShield web monitor: [y] <enter>
Do you wish to install the LinuxShield web monitor: [y] <enter>
Enter the TCP/IP port number on which the web server listens: [55443] <enter>

Extracting package files
.....................................................................................
....
Would you like to start the LinuxShield services? [y] <enter>

starting the LinuxShield daemon...
started pid: 13167
starting the LinuxShield monitor gateway...
started pid: 13177
[Mon Dec 20 16:25:33 2004] [alert] nailswebd: Could not determine the server's fully
qualified domain name, using 127.0.0.1 for ServerName
/opt/NAI/LinuxShield/apache/bin/apachectl startssl: nailswebd started

Installation to /opt/NAI/LinuxShield complete.

To connect to the LinuxShield web monitor, browse to
https://192.168.10.231:55443

logon as the Linux user 'nails' and supply the password entered during installation.
[root@SpaceLord rbemsel]#
```



Right after the installation and proper email communication, which has been confirmed before installation, you should get an alert of Out-Dated Signatures Files

Note: If you get a Warning like this, you will have to do some hands-on for Kernel creation

```
nails.initd: Warning - kernel module
/lib/modules/2.4.20-18.9/nai/lshook.o does not exist

LinuxShield cannot start on-access detection because a kernel module is not currently
available for the kernel version that you are running.

To obtain or create a kernel module, please refer to the installation guide

    /opt/NAI/LinuxShield/docs/ls_11_install_guide_en.pdf

LinuxShield can still function without the kernel module, but on-access detection of
viruses is disabled.

nails.initd: Warning - kernel module
/lib/modules/2.4.20-18.9/nai/linuxshield.o
does not exist
```