

## **Setup for all tests**

1. Thunderbird is not running.
2. All tests begin without a subscription to for the mozilla.dev.apps.thunderbird newsgroup.
3. Verify that the Thunderbird profile has no files for the mozilla.dev.apps.thunderbird newsgroup.

Note: At start of downloading, the indication is there are 12,681 headers.

## **Test #1: No filters**

1. Rename file msgFilterRules.dat to be x- msgFilterRules.dat-x to suppress use of filters.
2. Launch Thunderbird with the account for news.mozilla.org collapsed.
3. Subscribe to mozilla.dev.apps.thunderbird.
4. Expand the account for news.mozilla.org.
5. When the Download Headers popup dialogue appears, select the “Download all headers” radio button and then the Download button.
6. Note the time taken to download.
7. Terminate Thunderbird.
8. Delete file msgFilterRules.dat and rename file x-msgFilterRules.dat-x to be msgFilterRules.dat to enable the use of filters.

Result: Downloading required less than 30 seconds.

## **Test #2: Filters**

1. Launch Thunderbird with the account for news.mozilla.org collapsed.
2. Subscribe to mozilla.dev.apps.thunderbird.
3. Expand the account for news.mozilla.org.
4. When the Download Headers popup dialogue appears, select the “Download all headers” radio button and then the Download button.
5. Note the time at start of download.
6. Terminate Thunderbird after 20 minutes.

Result: Less than 1,600 headers downloaded (slower than 80 headers per minute).

## **Test #3: Filters with No Anti-Virus or Firewalls**

1. Disable Windows XP and Netgear router firewalls.
2. Disable AVG Anti-Virus for the maximum allowed duration of 15 minutes.
3. Launch Thunderbird with the account for news.mozilla.org collapsed.

4. Subscribe to mozilla.dev.apps.thunderbird.
5. Expand the account for news.mozilla.org.
6. When the Download Headers popup dialogue appears, select the “Download all headers” radio button and then the Download button.
7. Note the time at start of download.
8. Terminate Thunderbird after 14 minutes.
9. Enable Windows XP and Netgear router firewalls.
10. Enable AVG Anti-Virus for the maximum allowed duration of 15 minutes.

Result: Less than 800 headers downloaded (slower than 60 headers per minute).

## **Configuration**

Windows XP SP3

Mozilla/5.0 (Windows NT 5.1; rv:9.0) Gecko/20111222 Thunderbird/9.0.1

Broadband connection (cable modem) rated at 10 Mbps

Extensions:

- AVG E-mail Scanner 12.0.0.1787 (not disabled when AVG Anti-Virus was disabled)
- Compact Headers 1.4.6
- Signature Switch 1.6.10
- Toggle Word Wrap 1.8

Filters:

- No filters on individual newsgroups
- 7 named filters containing a total of 50 conditions for “Match any of the following”.
- 2 named filters, each containing 2 conditions for “Match all of the following”.
- 1 named filter containing 4 conditions for “Match all of the following”.
- Each message meeting any condition is “Marked As Read”. Some such messages are also “Ignore Thread”.
- From the filter log, it appears that no message was filtered out during any of the tests.