



Using the Tail utility on log files

Introduction

The Tail utility is useful for watching real time activity on log files from a Windows PC. Applications include watching who is visiting which web sites and highlighting if sites are being blocked – e.g. users are attempting to get to porn sites etc. The example here shows Tail being used in conjunction with the ‘Filter’ log file, but can be used with other logfiles. User authentication and N2H2 has been enabled on this unit.

The Tail utility can be used on log files can be created on NetPilot, CachePilot and SentryPilot. The terminology “NetPilot” is used below. The examples are actually shown on a CachePilot - concepts and commands are common across the range for this functionality.

Where to download Tail

From : <http://www.netpilot.com/support/SupportTools/default.asp>

Detail

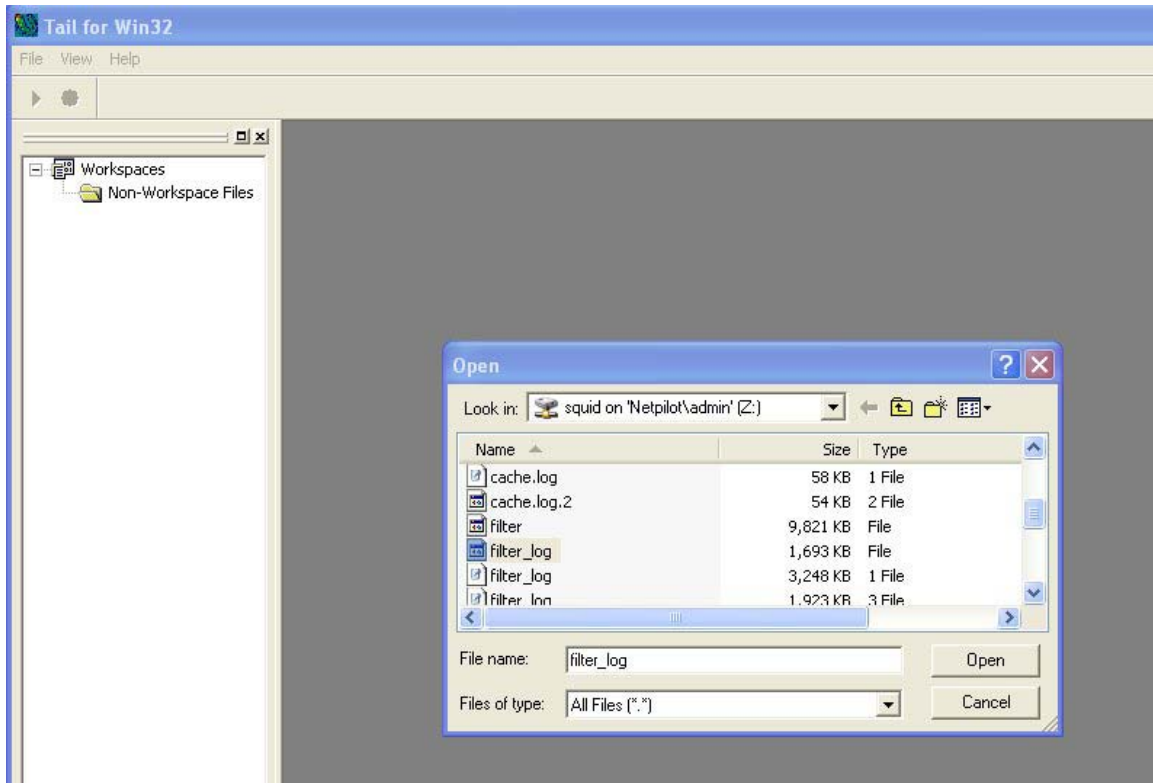
Start by mapping the admin account on your NetPilot/CachePilot/SentryPilot to a Drive letter



Enter Tail and Open the current Filter_log file



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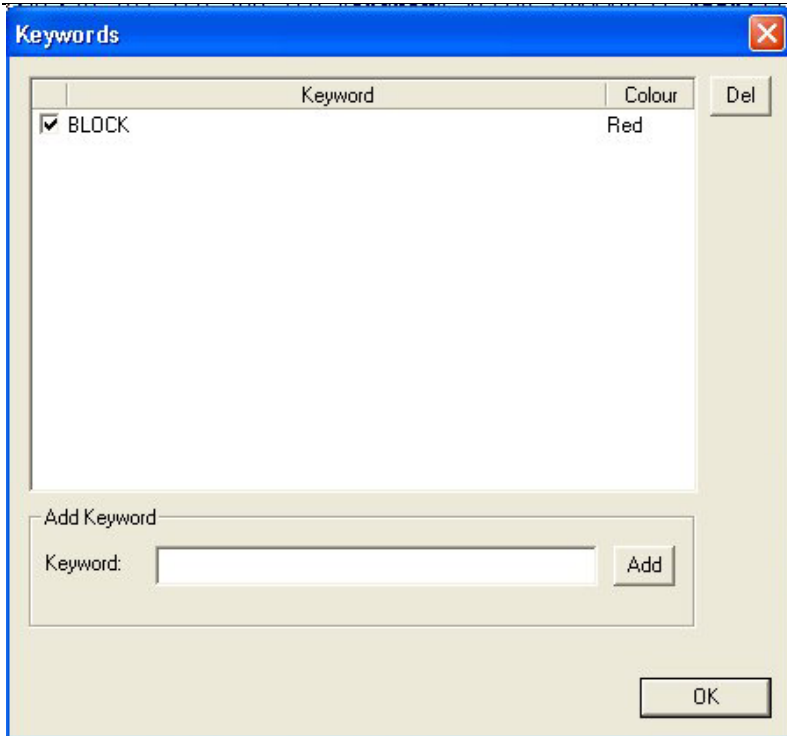


In order to highlight blocked sites select menu item **Settings** then **Keywords**.

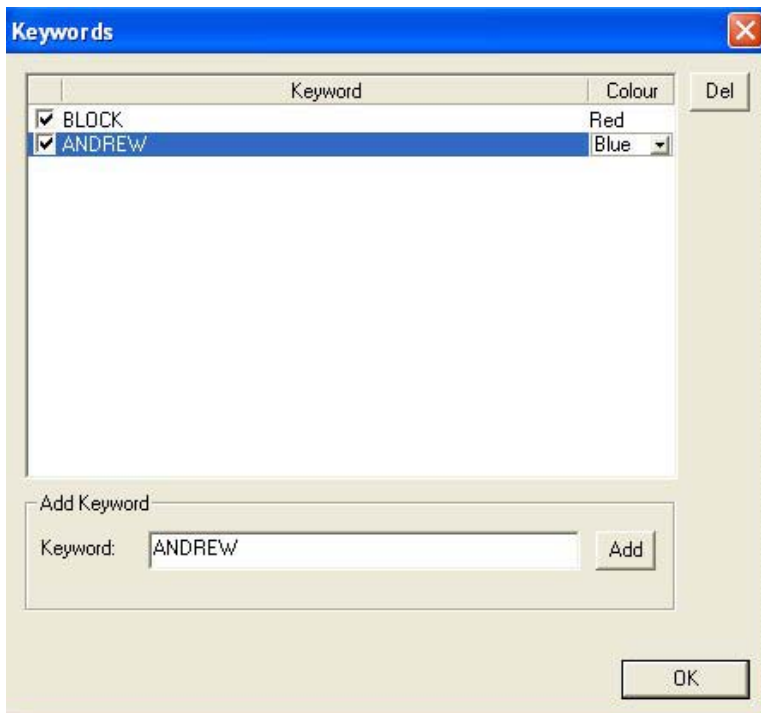
Enter the keyword **BLOCK** and click on **Add** button



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Multiple Keywords with differing colours can be set up as shown below



The screen below shows a Block message being highlighted in Red – some is accessing a prohibited site.



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```
Tail for Win32 - [filter_log]
File Edit View Settings Window Help

Workspaces
Non-Workspace Files
\\NETPILOT\ADMINI
\\NETPILOT\ADMINI

2004/06/14-13:44:23 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/ym/showlect
2004/06/14-13:44:24 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050800
2004/06/14-13:44:25 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050800
2004/06/14-13:44:25 192.168.200.169 "andrew" ALLOW [DEFAULT] http://eur.a1.yimg.com/java.europe.yahoo.
2004/06/14-13:44:25 192.168.200.169 "andrew" ALLOW [DEFAULT] http://eur.a1.yimg.com/java.europe.yahoo.
2004/06/14-13:44:25 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050800
2004/06/14-13:44:25 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050800
2004/06/14-13:44:26 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050800
2004/06/14-13:44:26 192.168.200.169 "andrew" ALLOW [DEFAULT] http://adfarm.mediaplex.com/ad/bn/3990-20
2004/06/14-13:44:27 192.168.200.169 "andrew" ALLOW [DEFAULT] http://img-cdn.mediaplex.com/ads/3990/201
2004/06/14-13:44:44 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/ym/Compose?
2004/06/14-13:44:45 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/lib_web/aut
2004/06/14-13:44:46 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050800
2004/06/14-13:44:46 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/lib_web/yad
2004/06/14-13:44:47 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/lib_web/yad
2004/06/14-13:45:00 192.168.200.226 "dabbot" BLOCK [global forbidden sites] http://www.sex.com/
2004/06/14-13:45:45 192.168.200.226 "dabbot" BLOCK [global forbidden sites] http://www.sex.com/
2004/06/14-13:46:02 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/ym/Compose?
2004/06/14-13:46:04 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801
2004/06/14-13:46:04 192.168.200.215 "bob" ALLOW [DEFAULT] https://www.nvolb.com:443
2004/06/14-13:46:04 192.168.200.169 "andrew" ALLOW [DEFAULT] http://us.i1.yimg.com/us.yimg.com/i/us/pi
2004/06/14-13:46:04 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801
2004/06/14-13:46:05 192.168.200.169 "andrew" ALLOW [DEFAULT] http://ad.doubleclick.net/ad/N1684.yahoo.
2004/06/14-13:46:05 192.168.200.215 "bob" ALLOW [DEFAULT] https://www.nvolb.com:443
2004/06/14-13:46:05 192.168.200.169 "andrew" ALLOW [DEFAULT] http://m2.doubleclick.net/viewad/686500/c
2004/06/14-13:46:05 192.168.200.215 "bob" ALLOW [DEFAULT] https://www.nvolb.com:443
2004/06/14-13:46:05 192.168.200.215 "bob" ALLOW [DEFAULT] https://www.nvolb.com:443
2004/06/14-13:46:05 192.168.200.215 "bob" ALLOW [DEFAULT] https://www.nvolb.com:443
2004/06/14-13:46:07 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.rd.yahoo.com/mail_uk/pimnav/mai
2004/06/14-13:46:07 192.168.200.169 "andrew" ALLOW [DEFAULT] http://mail.yahoo.com/
2004/06/14-13:46:08 192.168.200.169 "andrew" ALLOW [DEFAULT] http://f116.mail.yahoo.com/ym/login?.rand
2004/06/14-13:46:08 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.f116.mail.yahoo.com/ym/login?.r
2004/06/14-13:46:09 192.168.200.226 "dabbot" ALLOW [DEFAULT] http://www.google.com/
2004/06/14-13:46:09 192.168.200.226 "dabbot" ALLOW [DEFAULT] http://toolbarqueries.google.com/search?c
2004/06/14-13:46:09 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801
2004/06/14-13:46:09 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801
2004/06/14-13:46:10 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801
2004/06/14-13:46:10 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801
2004/06/14-13:46:10 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.adserver.yahoo.com/a?f=15050801

Last updated: 13:46:38 Last match: 13:46:38 Total matches: 2
```



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The example below shows user 'Andrew' being highlighted in Blue, while any Block messages being generated by any user will be in Red. User 'Michael' is in Green.

```
Tail for Win32 - [filter_log]
File Edit View Settings Window Help

2004/06/14-14:00:26 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/spacer.gif
2004/06/14-14:00:26 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/spacer.gif
2004/06/14-14:00:26 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/spacer.gif
2004/06/14-14:00:26 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/spacer.gif
2004/06/14-14:00:26 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/spacer.gif
2004/06/14-14:00:48 192.168.200.169 "andrew" ALLOW [DEFAULT] http://uk.my.yahoo.com/feed/pg4?s=quotes
2004/06/14-14:00:48 192.168.200.169 "andrew" ALLOW [DEFAULT] http://data.my.yahoo.com/feed/pg4?s=quotes
2004/06/14-14:00:51 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:00:55 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:00:56 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:00:57 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:00:58 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:21 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:23 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/register/index.s
2004/06/14-14:01:23 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:24 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:25 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:26 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:31 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:38 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:40 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/register/index.s
2004/06/14-14:01:40 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:41 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:47 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:54 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:56 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/register/index.s
2004/06/14-14:01:56 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:01:58 192.168.200.226 "dabbot" BLOCK [global forbidden sites] http://www.sex.com/
2004/06/14-14:01:58 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:02:02 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:02:05 192.168.200.226 "dabbot" BLOCK [global forbidden sites] http://www.xxx.com/
2004/06/14-14:02:10 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:02:11 192.168.200.235 "michael" ALLOW [DEFAULT] http://www.netpilot.com/register/index.s
2004/06/14-14:02:12 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443
2004/06/14-14:02:12 192.168.200.235 "michael" ALLOW [DEFAULT] https://techlab.equinet.com:443

Last updated: 14:02:33 Last match: 14:02:33 Total matches: 264
```

Tail can also be configured to only display the log messages you trap with Keywords by selecting **Settings** and **Show only Hot Items**, and in addition to give an audible alarm each time a trap occurs.



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