

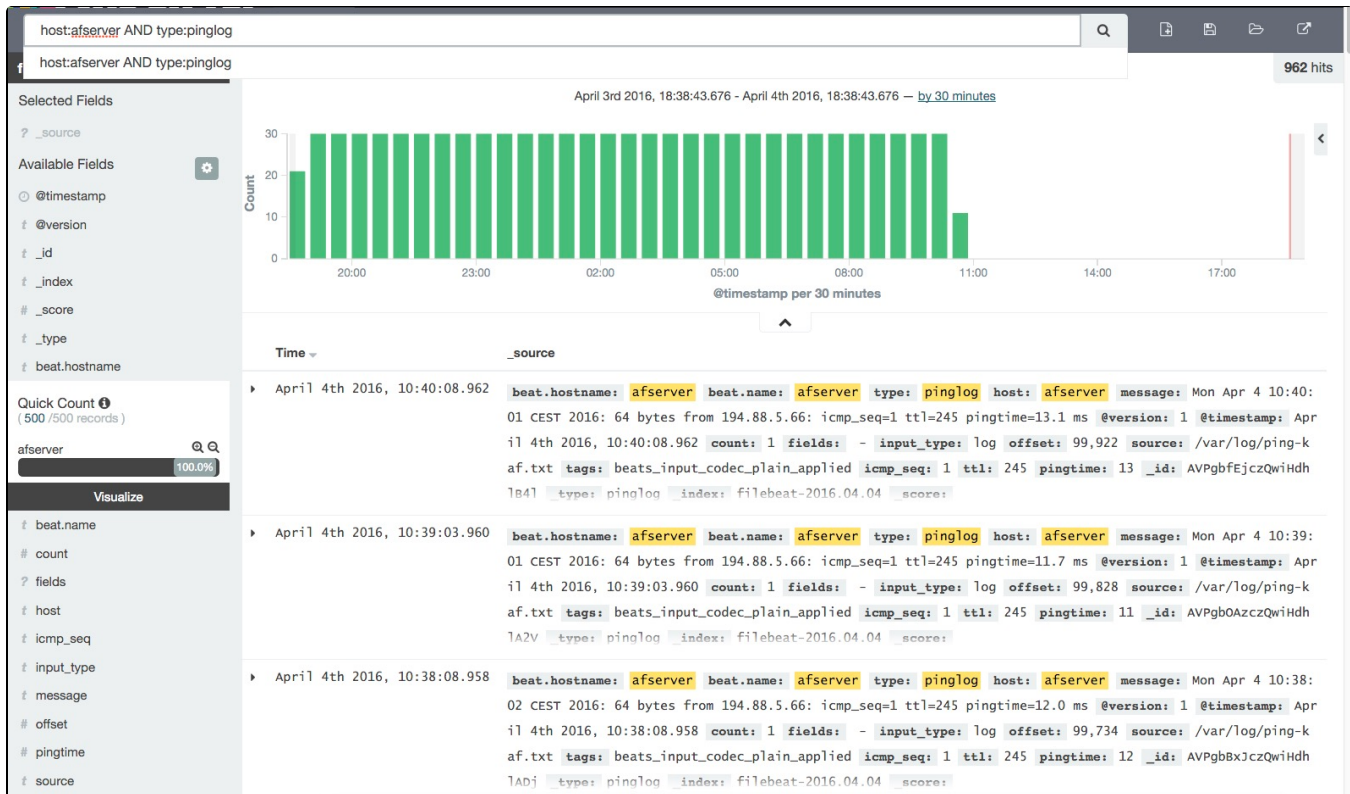
# Filebeat troubleshooting

After restarting my "afserver", filebeat did not autostart.....seems I forgot:

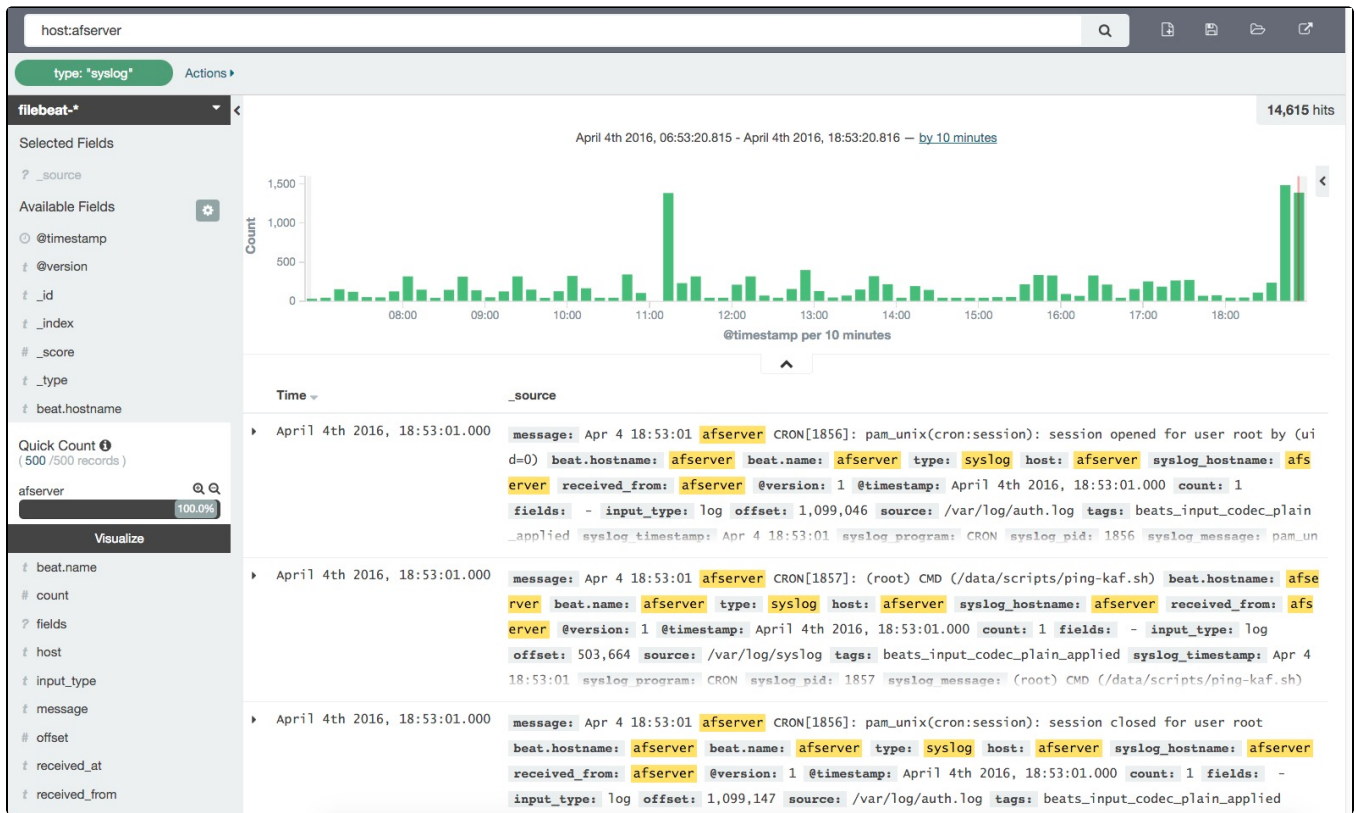
```
sudo update-rc.d filebeat defaults 95 10
```

From <https://www.digitalocean.com/community/tutorials/how-to-install-elasticsearch-logstash-and-kibana-elk-stack-on-ubuntu-14-04>

When I discovered this after several hours, I started it. But a log file was not collected correct afterwards - in fact, filebeat does not log data from it:



Other logs seems ok:



But looking at the registry file in, I can see the status for the file:

```
"/var/log/ping-kaf.txt": {"source": "/var/log/ping-kaf.txt", "offset": 143350, "FileStateOS": {"inode": 393591, "device": 64513}}
```

And the offset (bytes read from the file) is growing:

```
18:36 142692
18:37 142786
18:42 143350
...
...
18:57 144196
```

Filebeat logging (info) - no clue...

```
2016-04-04T18:52:24+02:00 INFO Harvester started for file: /var/log/ping-kaf.txt
2016-04-04T18:52:24+02:00 INFO Harvester started for file: /var/log/auth.log
2016-04-04T18:52:24+02:00 INFO Harvester started for file: /var/log/apache2/alfresco.mos-eisley.dk-access.log
2016-04-04T18:52:24+02:00 INFO Harvester started for file: /var/log/apache2/elk.mos-eisley.dk-error.log
2016-04-04T18:52:24+02:00 INFO File was truncated. Begin reading file from offset 0: /var/log/apache2/elk.mos-eisley.dk-error.log
2016-04-04T18:52:24+02:00 INFO Harvester started for file: /var/log/syslog
2016-04-04T18:52:24+02:00 INFO Harvester started for file: /var/log/apache2/elk.mos-eisley.dk-access.log
2016-04-04T18:52:24+02:00 INFO File was truncated. Begin reading file from offset 0: /var/log/apache2/elk.mos-eisley.dk-access.log
2016-04-04T18:52:24+02:00 INFO All prospectors initialised with 7 states to persist
2016-04-04T18:52:24+02:00 INFO Starting Registrar
2016-04-04T18:52:24+02:00 INFO Start sending events to output
2016-04-04T18:52:27+02:00 INFO Events sent: 2048
2016-04-04T18:52:27+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:52:32+02:00 INFO Events sent: 678
2016-04-04T18:52:32+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:52:44+02:00 INFO Events sent: 12
2016-04-04T18:52:44+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:53:07+02:00 INFO Events sent: 3
2016-04-04T18:53:07+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:53:14+02:00 INFO Events sent: 1
2016-04-04T18:53:14+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:54:07+02:00 INFO Events sent: 1
2016-04-04T18:54:07+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:54:12+02:00 INFO Events sent: 12
2016-04-04T18:54:12+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:54:27+02:00 INFO Events sent: 1
2016-04-04T18:54:27+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:55:04+02:00 INFO Events sent: 2
2016-04-04T18:55:04+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:55:12+02:00 INFO Events sent: 2
2016-04-04T18:55:12+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:55:49+02:00 INFO Events sent: 2
2016-04-04T18:55:49+02:00 INFO Registry file updated. 7 states written.
2016-04-04T18:56:04+02:00 INFO Events sent: 4
2016-04-04T18:56:04+02:00 INFO Registry file updated. 7 states written.
```

In debug mode:

```
2016-04-04T19:02:18+02:00 DBG File Configs: [/var/log/ping-kaf.txt]
2016-04-04T19:02:18+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG Start harvesting unknown file: /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG Resuming harvester on a previously harvested file: /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG harvest: "/var/log/ping-kaf.txt" position:144572 (offset snapshot:0)
2016-04-04T19:02:18+02:00 INFO Harvester started for file: /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:02:18+02:00 DBG Registrar will re-save state for /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:18+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:02:19+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:02:21+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:02:25+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:02:28+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:02:28+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:28+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:28+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:02:33+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:02:38+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:02:38+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:38+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:02:38+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:02:43+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:02:48+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:02:48+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
```

[illegible]

[illegible]

[illegible]



```

2016-04-04T19:09:18+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:18+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:09:28+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:09:28+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:09:28+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:28+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:28+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:09:38+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:09:38+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:09:38+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:38+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:38+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:09:48+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:09:48+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:09:48+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:48+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:48+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:09:58+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:09:58+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:09:58+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:58+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:09:58+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:10:08+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:10:08+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:10:08+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:10:08+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:10:08+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:10:09+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:10:11+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:10:15+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:10:18+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:10:18+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:10:18+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:10:18+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
2016-04-04T19:10:23+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:10:28+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:10:28+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:10:28+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:10:28+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
root@afserver:~#

```

The phrase

```
Not harvesting, file didn't change: /var/log/ping-kaf.txt
```

is simple not correct, the file changes every minute:

```

Mon Apr  4 19:02:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.7 ms
Mon Apr  4 19:03:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.0 ms
Mon Apr  4 19:04:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=14.4 ms
Mon Apr  4 19:05:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.0 ms
Mon Apr  4 19:06:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=11.9 ms
Mon Apr  4 19:07:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=11.7 ms
Mon Apr  4 19:08:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.9 ms
Mon Apr  4 19:09:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.3 ms
Mon Apr  4 19:10:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.5 ms
Mon Apr  4 19:11:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.2 ms

```

After truncating the log file

```
cat /dev/null > /var/log/ping-kaf.txt
```

Filebeat found the truncation and started reading:

```
2016-04-04T19:14:23+02:00 DBG File was truncated as offset (%!s(int64=145700)) > size (%!s(int64=0)). Begin
reading file from offset 0: /var/log/ping-kaf.txt
2016-04-04T19:14:23+02:00 INFO File was truncated. Begin reading file from offset 0: /var/log/ping-kaf.txt
2016-04-04T19:14:23+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
2016-04-04T19:14:28+02:00 DBG Flushing spooler because of timeout. Events flushed: 0
2016-04-04T19:14:28+02:00 DBG Start next scan
2016-04-04T19:14:28+02:00 DBG scan path /var/log/ping-kaf.txt
2016-04-04T19:14:28+02:00 DBG Check file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:14:28+02:00 DBG Update existing file for harvesting: /var/log/ping-kaf.txt
2016-04-04T19:14:28+02:00 DBG Not harvesting, file didn't change: /var/log/ping-kaf.txt
...
...
...
...
...
2016-04-04T19:18:15+02:00 DBG End of file reached: /var/log/ping-kaf.txt; Backoff now.
4-04T19:18:16+02:00 DBG Flushing spooler because of timeout. Events flushed: 3
2016-04-04T19:18:16+02:00 DBG Publish: {
  "@timestamp": "2016-04-04T17:18:08.976Z",
  "beat": {
    "hostname": "afserver",
    "name": "afserver"
  },
  "count": 1,
  "fields": null,
  "input_type": "log",
  "message": "Mon Apr 4 19:18:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=11.4 ms",
  "offset": 282,
  "source": "/var/log/ping-kaf.txt",
  "type": "pinglog"
}
...
...
...
...
...
016-04-04T19:21:08+02:00 DBG Publish: {
  "@timestamp": "2016-04-04T17:21:03.983Z",
  "beat": {
    "hostname": "afserver",
    "name": "afserver"
  },
  "count": 1,
  "fields": null,
  "input_type": "log",
  "message": "Mon Apr 4 19:21:01 CEST 2016: 64 bytes from 194.88.5.66: icmp_seq=1 ttl=245 pingtime=12.2 ms",
  "offset": 564,
  "source": "/var/log/ping-kaf.txt",
  "type": "pinglog"
}
```