## Suricata - Bug #3744
### rules: memory leak on bad rule

06/03/2020 11:42 AM - Jeff Lucovsky

| Status: | Assigned |
| Priority: | Normal |
| Assignee: | Shivani Bhardwaj |
| Category: | |
| Target version: | 4.1.9 |
| Affected Versions: |
| Difficulty: |
| Effort: |
| Label: |

### Description

```
================================================================
==1==ERROR: LeakSanitizer: detected memory leaks
Direct leak of 16 byte(s) in 1 object(s) allocated from:
    #0 0x536742 in calloc /src/llvm-project/compiler-rt/lib/asan/asan_malloc_linux.cpp:154:3
    #1 0x8b8c643 in SCCallocFunc suricata/src/util-mem.c:57:20
    #2 0x721a3b in SigMatchList2DataArray suricata/src/detect-parse.c:1602:41
    #3 0x67b7fccc in DetectEngineAppInspectionEngine2Signature suricata/src/detect-engine.c:484:19
    #4 0x6a7986 in SigMatchPrepare suricata/src/detect-engine-build.c:1830:9
    #5 0x6a77ee3 in SigGroupBuild suricata/src/detect-engine-build.c:1924:9
    #6 0x6b6721 in SigLoadSignatures suricata/src/detect-engine-loader.c:370:9
    #7 0x687d3d in DetectEngineReload suricata/src/detect-engine.c:4052:9
    #8 0x5691c9 in LLVMFuzzerTestOneInput suricata/src/tests/fuzz/fuzz_sigpcap.c:178:9
    #9 0x46ea31 in fuzzer::Fuzzer::ExecuteCallback(unsigned char const*, unsigned long) /src/llvm-project/compiler-rt/lib/fuzzer/FuzzerLoop.cpp:556:15
    #10 0x459551 in fuzzer::RunOneTest(fuzzer::Fuzzer*, char const*, unsigned long) /src/llvm-project/compiler-rt/lib/fuzzer/FuzzerDriver.cpp:292:6
```

Testcase for the fuzz_sigpcap target attached.


Rule is:

```
alert tcp any any -> any 6 file_data;content:" ";dns.query;content:" ";
```

### Related issues:

- Copied from Bug #3683: rules: memory leak on bad rule

### History

#### #1 - 06/03/2020 11:42 AM - Jeff Lucovsky
- Copied from Bug #3683: rules: memory leak on bad rule added

### Files

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>clusterfuzz-testcase-minimized-fuzz_sigpcap-5069729246216192</td>
<td>71 Bytes</td>
<td>04/29/2020</td>
<td>Victor Julien</td>
</tr>
</tbody>
</table>