

## strongSwan - Bug #518

### lookup not returning on 5.1.2rc1

16.02.2014 23:29 - Jonathan Davies

<b>Status:</b> Closed	<b>Start date:</b> 16.02.2014
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Martin Willi	<b>Estimated time:</b> 0.00 hour
<b>Category:</b> libstrongswan	
<b>Target version:</b> 5.1.3	
<b>Affected version:</b> dr rc master	<b>Resolution:</b> Fixed

#### Description

Hello,

I've upgraded my boxen to 5.1.2rc1 and the lookup plugin doesn't appear to be working any more:

```
$ sudo strace /usr/lib/ipsec/lookup --dump
execve("/usr/lib/ipsec/lookup", ["/usr/lib/ipsec/lookup", "--dump"], [/* 24 vars */]) = 0
brk(0) = 0x7f05e06a6000
access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f05dee61000
access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)
open("/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
fstat(3, {st_mode=S_IFREG|0644, st_size=18321, ...}) = 0
mmap(NULL, 18321, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f05dee5c000
close(3) = 0
access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)
open("/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\340\37\2\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0755, st_size=1849120, ...}) = 0
mmap(NULL, 3957440, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f05de87a000
mprotect(0x7f05dea36000, 2097152, PROT_NONE) = 0
mmap(0x7f05dec36000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1bc000) = 0x7f05dec36000
mmap(0x7f05dec3c000, 17088, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f05dec3c000
close(3) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f05dee5b000
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f05dee59000
arch_prctl(ARCH_SET_FS, 0x7f05dee59740) = 0
mprotect(0x7f05dec36000, 16384, PROT_READ) = 0
mprotect(0x7f05df067000, 4096, PROT_READ) = 0
mprotect(0x7f05dee63000, 4096, PROT_READ) = 0
munmap(0x7f05dee5c000, 18321) = 0
socket(PF_LOCAL, SOCK_STREAM, 0) = 3
connect(3, {sa_family=AF_LOCAL, sun_path="/var/run/charon.lkp"}, 21) = 0
write(3, "\0\0\0\1\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 44) = 44
recvfrom(3, 0x7fff96a24910, 384, 64, 0, 0) = -1 EAGAIN (Resource temporarily unavailable)
write(3, "\0\0\0\t\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 44) = 44
recvfrom(3,
```

Even --help blocks in the same curious way.

#### Associated revisions

Revision 961409b6 - 17.02.2014 09:48 - Martin Willi

lookup: Disconnect asynchronously to avoid dead-locking watcher unregistration

While it really would be desirable to allow stream destruction during `on_read()`

callbacks, this does not work anymore since e49b2998. Until we have a proper solution for this issue, use asynchronous disconnects for the only user doing so.

Fixes #518.

#### **Revision 7867ae42 - 18.02.2014 11:21 - Tobias Brunner**

lookup: Properly return from disconnect callback job

References #518.

### **History**

---

#### **#1 - 17.02.2014 09:53 - Martin Willi**

- *Category set to libstrongswan*
- *Status changed from New to Feedback*
- *Assignee set to Martin Willi*

Hi Jonathan,

Thanks for catching and reporting that. Looks like a regression I introduced with e49b2998.

Fixing this properly is difficult, but the referenced commit should work-around the issue by using an asynchronous disconnect.

Regards  
Martin

#### **#2 - 13.03.2014 13:43 - Tobias Brunner**

- *Tracker changed from Issue to Bug*
- *Target version set to 5.1.3*
- *Resolution set to Fixed*

#### **#3 - 14.04.2014 12:48 - Tobias Brunner**

- *Status changed from Feedback to Closed*