strongSwan - Bug #516

some ipsec pki commands segfault

16.02.2014 06:19 - Anonymous

Status:	Closed		**Start date:**	16.02.2014
Priority:	Normal		**Due date:**	
Assignee:	Tobias Brunner		**Estimated time:**	0.00 hour
Category:	pki			
Target version:	5.1.2			
Affected version:	5.1.1		**Resolution:**	Fixed

Description

I have been following this guide to set up a CA for strongswan 5.1.1 on Alpine Linux. I get through everything fine until I reach the point where you have to create entity certificates. When I try to use the command listed:

```
ipsec pki --pub --in peerKey.der | ipsec pki --issue --cacert caCert.der --cakey caKey.der \
                                 --dn "C=CH, O=strongSwan, CN=peer" > peerCert.der
```

I get a segmentation fault message. The following shows in my syslog:

```
kern.info kernel: [177268.836878] pki[5938]: segfault at bc1a9d8 ip 00006ee4f057a17e sp 00007e4725
6c8420 error 4 in libuClibc-0.9.33.2.so[6ee4f0540000+75000]
```

I've used pki --self and pki --gen with no problems. I don't know why it segfaults when I do the above.

Associated revisions

Revision 09417da4 - 19.02.2014 15:55 - Tobias Brunner

sshkey: uclibc only defines fmemopen(3) if _GNU_SOURCE is defined

Fixes #516.

Revision ab13364c - 19.02.2014 16:11 - Tobias Brunner

uclibc only defines strndup(3) if _GNU_SOURCE is defined

References #516.

History

#1 - 17.02.2014 12:54 - Tobias Brunner

- Is duplicate of Bug #452: Run "ipsec pki" on Debian VPS got "Segmentation fault" error added

#2 - 17.02.2014 13:00 - Tobias Brunner

- Description updated

- Category set to pki

- Status changed from New to Rejected

- Assignee set to Tobias Brunner

- Resolution set to Duplicate

I think this is the same issue described in #452.

> I've used pki --self and pki --gen with no problems.

Hm, I compiled 5.1.1 on Alpine Linux and pki segfaulted with those commands too. Not sure why they would work in your case.

Did you already try the release candidate for 5.1.2?

#3 - 19.02.2014 16:12 - Tobias Brunner

- Tracker changed from Issue to Bug

- Status changed from Rejected to Closed

- Target version set to 5.1.2

- Resolution changed from Duplicate to Fixed

As mentioned on IRC, I was able to reproduce the issue. The associated commit fixes it.

#4 - 19.02.2014 16:12 - Tobias Brunner

- Is duplicate of deleted (Bug #452: Run "ipsec pki" on Debian VPS got "Segmentation fault" error)