

strongSwan - Bug #194

Please allow simple renaming of files colliding with Openswan

14.06.2012 15:39 - Pavel Šimerda

Status:	Closed	Start date:	14.06.2012
Priority:	Normal	Due date:	
Assignee:	Tobias Brunner	Estimated time:	0.00 hour
Category:			
Target version:	5.0.0		
Affected version:	4.6.4	Resolution:	Fixed

Description

Hello,

I'm maintaining Strongswan package for Fedora and we try hard to keep our packages without collisions. Moreover, even if we have a collision and avoid installing both Strongswan and Openswan, we are getting into issues with the SELinux policy that is written for Openswan.

Therefore we absolutely need to avoid file collisions to be able to use Strongswan in Fedora and Enterprise Linux (through EPEL).

We already have a working package:

<https://admin.fedoraproject.org/pkgdb/acls/name/strongswan>

It's currently available for rawhide, fedora 17, fedora 16 and enterprise linux 6.

Right now we're passing the following to configure:

```
--sysconfdir=%{_sysconfdir}/%{name}
--with-ipsecdir=%{_libexecdir}/%{name}
--with-ipseclibdir=%{_libdir}/%{name}
```

This is OK.

But then we need this:

```
# rename ipsec to strongswan
mv %{{buildroot}}%{{_sbindir}}/{ipsec,%{name}}
mv %{{buildroot}}%{{_mandir}}/man8/{ipsec,strongswan}.8
# prefix man pages
for i in %{{buildroot}}%{{_mandir}}/*/*; do
    if echo "$i" | grep -vq '/strongswan[^\/*]*$'; then
        mv "$i" "`echo "$i" | sed -re 's|/([^\/*]+)$|/strongswan_\1|'`"
    fi
done
```

These are bad workaround that would be much better solved with a configure option that would allow us to just tell strongswan is 'strongswan' and not 'ipsec'.

And we also needed to fix the code:

```
Index: strongswan-4.6.1/src/pluto/kernel.c
=====
--- strongswan-4.6.1.orig/src/pluto/kernel.c
+++ strongswan-4.6.1/src/pluto/kernel.c
@@ -247,7 +247,7 @@ static void escape_metachar(const char *
 */

#ifdef DEFAULT_UPDOWN
-# define DEFAULT_UPDOWN "ipsec_updown"
+# define DEFAULT_UPDOWN "strongswan_updown"
```

```
#endif
```

```
static bool do_command(connection_t *c, struct spd_route *sr, struct state *st,
```

This would also be better handled by the same configure option.

(%{name} is replaced with 'strongswan')

Cheers,

Pavel

Related issues:

Related to Feature #195: Please add initscripts for linux systems not using s...

Closed

14.06.2012

Associated revisions**Revision bc6d9447 - 25.06.2012 16:53 - Tobias Brunner**

Added an option to rename the ipsec script during installation

Also rename the man page and adjust all references in the script, the man page and other files.

Closes #194.

History**#1 - 19.06.2012 17:33 - Tobias Brunner**

- Status changed from *New* to *Assigned*
- Assignee set to *Tobias Brunner*
- Target version set to *5.0.0*

#2 - 25.06.2012 16:58 - Tobias Brunner

- Status changed from *Assigned* to *Resolved*
- Resolution set to *Fixed*

#3 - 02.07.2012 13:20 - Tobias Brunner

- Status changed from *Resolved* to *Closed*