

## strongSwan - Bug #476

### libchecksum.so built based-on install path

02.01.2014 18:01 - Jonathan Davies

<b>Status:</b>	Closed	<b>Start date:</b>	02.01.2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Tobias Brunner	<b>Estimated time:</b>	0.00 hour
<b>Category:</b>		<b>Resolution:</b>	Fixed
<b>Target version:</b>	5.1.2		
<b>Affected version:</b>	5.1.1		

**Description**

Hello,

I have an issue where the Ubuntu packages for strongSwan cannot build the libchecksum.so file properly for the integrity tests: [https://launchpadlibrarian.net/161373420/buildlog\\_ubuntu-trusty-amd64.strongswan\\_5.1.1-0ubuntu17\\_UPLOADING.txt.gz](https://launchpadlibrarian.net/161373420/buildlog_ubuntu-trusty-amd64.strongswan_5.1.1-0ubuntu17_UPLOADING.txt.gz) (look for 'integrity test data').

checksum\_builder appears to be looking for the libraries based on what it can find in:

```
$(SRC_ROOT)/src/checksum/.libs/lt-checksum_builder
```

...which all point at the final install paths of /usr/lib/ipsec/plugins/\*, however, during the Debian package build process, these are located in:

```
$(SRC_ROOT)/debian/tmp/usr/lib/ipsec/plugins/
```

Would it be possible to create an option for checksum\_builder, so that one is able to specify a directory for the library locations?

#### Associated revisions

##### Revision 2ff62bee - 08.01.2014 11:24 - Tobias Brunner

checksum: Set rpath including DESTDIR for checksum\_builder

This way libraries to which checksum\_builder does not itself link, like libtls and libradius, are found during DESTDIR installs.

Fixes #476.

#### History

##### #1 - 06.01.2014 14:42 - Tobias Brunner

- Tracker changed from Issue to Bug
- Status changed from New to Resolved
- Assignee set to Tobias Brunner
- Target version set to 5.1.2
- Resolution set to Fixed

Would it be possible to create an option for checksum\_builder, so that one is able to specify a directory for the library locations?

It already works as intended for libraries, but not for plugins. The problem is that while PLUGINDIR, defined in <source:src/checksum/Makefile.am>, actually includes DESTDIR, checksum\_builder is built before make install is called with DESTDIR set.

It should be fixed with <0773c7fd>, which delays the building of checksum\_builder (by putting it in EXTRA\_PROGRAMS instead of noinst\_PROGRAMS) until it is actually required during make install.

##### #2 - 08.01.2014 11:29 - Tobias Brunner

The associated commit fixes another problem revealed by the recent build logs. Apparently, libraries checksum\_builder did not link to (like libradius or

libtls) were not found.

**#3 - 28.02.2014 08:37 - Tobias Brunner**

- *Status changed from Resolved to Closed*