

strongSwan - Bug #125

Strongswan 4.5.1 doesn't build with Andorid Froyo (2.2) source

17.03.2011 13:01 - Łukasz Grzesik

Status:	Closed	Start date:	17.03.2011
Priority:	Normal	Due date:	
Assignee:	Tobias Brunner	Estimated time:	0.00 hour
Category:	libstrongswan	Resolution:	
Target version:	4.5.2		
Affected version:	4.5.1		

Description

Hi!

I just followed the wikipages to build/integrate Strongswan with Android 2.2. I used the 4.5.1 version but "make" ended with:

```
...
target arm C: libstrongswan <= external/strongswan/src/libstrongswan/settings.c
external/strongswan/src/libstrongswan/settings.c:23:18: error: glob.h: No such file or directory
external/strongswan/src/libstrongswan/settings.c: In function 'parse_files':
external/strongswan/src/libstrongswan/settings.c:961: error: 'glob_t' undeclared (first use in this function)
external/strongswan/src/libstrongswan/settings.c:961: error: (Each undeclared identifier is reported only once
external/strongswan/src/libstrongswan/settings.c:961: error: for each function it appears in.)
external/strongswan/src/libstrongswan/settings.c:961: error: expected ';' before 'buf'
external/strongswan/src/libstrongswan/settings.c:997: warning: implicit declaration of function 'glob'
external/strongswan/src/libstrongswan/settings.c:997: error: 'GLOB_ERR' undeclared (first use in this function)
external/strongswan/src/libstrongswan/settings.c:997: error: 'buf' undeclared (first use in this function)
external/strongswan/src/libstrongswan/settings.c:998: error: 'GLOB_NOMATCH' undeclared (first use in this function)
external/strongswan/src/libstrongswan/settings.c:1018: warning: implicit declaration of function 'globfree'
make: *** [out/target/product/generic/obj/SHARED_LIBRARIES/libstrongswan_intermediates/settings.o] Error 1
...
```

I think the reason is that the glob.h / glob.c aren't available on [android](#).

It worked with 4.5.0 - at least compiled and the VPN settings includes the new position. I haven't created any vpn tunnels so far.

My OS is Ubuntu 10.04, Java 1.5.22, Android Froyo (2.2).

Best regards,
Łukasz Grzesik

History

#1 - 21.03.2011 11:46 - Tobias Brunner

- Status changed from New to Assigned
- Assignee changed from Martin Willi to Tobias Brunner
- Target version set to 4.5.2

#2 - 22.03.2011 19:38 - Tobias Brunner

- Status changed from Assigned to Resolved

I have pushed fixes for the glob.h problem to master (see [a6390879](#) which requires [913591ec](#)).

There are other issues with 4.5.1 that prevent a successful build on Android (see [3eede762](#) and [f5958b62](#)).

Also, commit [56617336](#) updates the file lists in the Android.mk files to the latest lists in the Makefile.am files. If you apply this patch to 4.5.1 make sure to delete the reference to the three sim_*.h files in src/libcharon/Android.mk since those were added after the 4.5.1 release.

#3 - 26.04.2011 13:18 - Tobias Brunner

- Status changed from Resolved to Closed