

strongSwan - Bug #1113

OpenSSL plugin: issue with OpenSSL compiled with OPENSSL_NO_DEPRECATED

15.09.2015 11:35 - Dirk Feytons

Status:	Closed	Start date:	15.09.2015
Priority:	Normal	Due date:	
Assignee:	Tobias Brunner	Estimated time:	0.00 hour
Category:	build	Resolution:	Fixed
Target version:	5.3.4		
Affected version:	5.3.3		

Description

When OpenSSL is compiled with the OPENSSL_NO_DEPRECATED option a number of historical mishaps in the API have been corrected. One of them is that headers like openssl/dh.h or openssl/rsa.h no longer include openssl/bn.h. I've found that code in the libstrongswan OpenSSL plugin uses BN_* functions without having included openssl/bn.h explicitly, instead relying on it being included implicitly by other OpenSSL headers. This causes compilation warnings and runtime problems when OpenSSL was compiled with this OPENSSL_NO_DEPRECATED option.

Patch to fix this is attached.

Associated revisions

Revision 5f18e2c3 - 16.09.2015 11:57 - Tobias Brunner

openssl: Explicitly include openssl/bn.h

If OpenSSL is compiled with OPENSSL_NO_DEPRECATED some of the headers we include don't include openssl/bn.h anymore. Therefore, we have to explicitly include it ourselves where we use BN_* functions.

Fixes #1113.

History

#1 - 16.09.2015 12:00 - Tobias Brunner

- *Tracker changed from Issue to Bug*
- *Category set to build*
- *Status changed from New to Closed*
- *Assignee set to Tobias Brunner*
- *Target version set to 5.3.4*
- *Resolution set to Fixed*

Applied to master, thanks!

Files

explicit-openssl-includes.patch	1.32 KB	15.09.2015	Dirk Feytons
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