

strongSwan - Bug #3443

Android unit tests broken

13.05.2020 00:28 - Aaron Brice

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Tobias Brunner	Estimated time:	0.00 hour
Category:	android	Resolution:	Fixed
Target version:	5.9.0		
Affected version:	5.8.4		
Description			
Commit 2ef473be15320a6bed23702f1481ba6b2020eb4a updated utils/IPRange.java to use a libandroidbridge.so helper function parseNetAddressBytes instead of java methods. This breaks some junit tests in IPRangeTest.java and IPRangeSetTest.java because the unit tests don't load the NDK libraries. This in turn causes a "./gradlew build" to fail.			

Associated revisions

Revision 84924249 - 02.06.2020 14:42 - Tobias Brunner

android: Mock parseNetAddress() method to fix unit tests

The native parseNetAddressBytes() method called by that method is not available when running the tests.

Not very pretty and there are some warnings because PowerMock does reflection in some illegal way but it fixes the unit tests and does not require any new dependencies like Apache Commons or Guava just to parse IP addresses without DNS lookup.

Fixes: 2ef473be1532 ("android: Use helper to parse IP addresses where appropriate")
Fixes #3443.

History

#1 - 15.05.2020 18:20 - Tobias Brunner

- Status changed from New to Feedback

Thanks for the report. I pushed a fix to the *3443-android-tests-mock* branch. Let me know if that works for you.

#2 - 15.05.2020 22:57 - Aaron Brice

Yes, works great. "./gradlew build" works on a clean tree now.

#3 - 19.05.2020 17:08 - Tobias Brunner

- Tracker changed from Issue to Bug

- Status changed from Feedback to Closed

- Assignee set to Tobias Brunner

- Target version set to 5.9.0

- Resolution set to Fixed

Yes, works great. "./gradlew build" works on a clean tree now.

Great, thanks for testing. I'll include the fixes when I merge the changes for [#3364](#).