

Alpine Linux - Bug #6603

lua-socket fails to open socket

12/29/2016 04:28 PM - Ted Trask

Status:	Closed	Start date:	12/29/2016
Priority:	Normal	Due date:	
Assignee:	Natanael Copa	% Done:	100%
Category:	Aports	Estimated time:	0.00 hour
Target version:	3.5.1	Security IDs:	
Affected versions:			
Description			
Running on edge as root with lua-socket installed:			
1. lua -e 'assert(require("socket").udp():sendto("test", "127.0.0.1", 80))'			
lua: (command line):1: refused			
stack traceback:			
[C]: in function 'assert'			
(command line):1: in main chunk			
[C]: ?			
This used to work on Alpine 3.2. Haven't tested on versions inbetween yet.			

Associated revisions

Revision 72ccb0e - 01/25/2017 11:57 AM - Natanael Copa

main/lua-socket: fix udp socket on first sendto

ref #6603

sent upstream: <https://github.com/diegonehab/luasocket/pull/206>

Revision e13e9f0a - 01/25/2017 12:01 PM - Natanael Copa

main/lua-socket: fix udp socket on first sendto

fixes #6603

sent upstream: <https://github.com/diegonehab/luasocket/pull/206>

(cherry picked from commit 72ccb0e9bd2e371b6356a045431674d471ed5a2)

History

#1 - 12/29/2016 04:34 PM - Natanael Copa

- Target version set to 3.5.1

#2 - 12/29/2016 04:48 PM - Steve McMaster

This seems to have broken between Alpine 3.3 and Alpine 3.4, which makes sense because the version of lua-socket in 3.4 is roughly a year newer.

```
/ # apk add --update lua lua-socket
fetch http://alpine.gliderlabs.com/alpine/v3.3/main/x86_64/APKINDEX.tar.gz
fetch http://alpine.gliderlabs.com/alpine/v3.3/community/x86_64/APKINDEX.tar.gz
(1/5) Installing lua5.1-libs (5.1.5-r1)
(2/5) Installing lua5.1 (5.1.5-r1)
(3/5) Installing lua (5.1.5-r4)
(4/5) Installing lua5.1-socket (3.0_rc1_git20150301-r0)
(5/5) Installing lua-socket (3.0_rc1_git20150301-r0)
Executing busybox-1.24.2-r0.trigger
OK: 5 MiB in 16 packages
/ # lua -e 'assert(require("socket").udp():sendto("test", "127.0.0.1", 80))'
/ #

/ # apk add --update lua lua-socket
fetch http://alpine.gliderlabs.com/alpine/v3.4/main/x86_64/APKINDEX.tar.gz
```

```
fetch http://alpine.gliderlabs.com/alpine/v3.4/community/x86_64/APKINDEX.tar.gz
(1/5) Installing lua5.1-libs (5.1.5-r1)
(2/5) Installing lua5.1 (5.1.5-r1)
(3/5) Installing lua (5.1.5-r4)
(4/5) Installing lua-socket (3.0_rc1_git20160306-r1)
(5/5) Installing lua5.1-socket (3.0_rc1_git20160306-r1)
Executing busybox-1.24.2-r11.trigger
OK: 5 MiB in 16 packages
/ # lua -e 'assert(require("socket").udp():sendto("test", "127.0.0.1", 80))'
lua: (command line):1: refused
stack traceback:
  [C]: in function 'assert'
  (command line):1: in main chunk
  [C]: ?
/ #
```

#3 - 01/04/2017 07:08 AM - Timo Teräs

Seems upstream changed `.udp()` to be address-agnostic socket type (`.udp4()` is the ipv4 version). See <https://github.com/diegonehab/luasocket/issues/147>

Though, the docs would indicate that `sendto()` would bind the socket to asked address family, it does not seem to work so this is an upstream bug. One workaround would be to use `.udp4()` to ask for ipv4 socket. But preferable we could ask upstream to fix the issue. First `sendto()` call on `af_unspec` socket should bind that socket to address-family of the given address as promised in the docs.

#4 - 01/25/2017 11:59 AM - Natanael Copa

patch sent upstream: <https://github.com/diegonehab/luasocket/pull/206>

#5 - 01/25/2017 12:01 PM - Natanael Copa

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [e13e9f0ab0356b2eb030d2f02f07d781f93e5264](https://github.com/diegonehab/luasocket/pull/206).

#6 - 01/26/2017 08:50 PM - Natanael Copa

- Status changed from *Resolved* to *Closed*