strongSwan - Bug #2148

Viewing log in strongswan android app during reconnect is extremely slow

18.10.2016 00:26 - Carl-Daniel Hailfinger

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Tobias Brunner		**Estimated time:**	0.00 hour
Category:	android			
Target version:	5.6.0			
Affected version:			**Resolution:**	Fixed

Description

Scenario:
Successful VPN connection established with the strongswan app. If the strongswan app tries to reestablish the connection during an outage, an animated progress bar will be shown on the main app screen.
On my Motorola Moto E 2015, clicking on "View Log" and scrolling through the log is extremely slow during that reconnect. It can take multiple seconds between using the touchscreen and any result (start of log viewer, scrolling through logs).
This slowness only happens during automatic reconnection attempts, but never while the tunnel is active or not started at all.

Android app version 1.6.2.

Related issues:

Related to Issue #2291: Android client hangs when I try to view the log	**Closed**

Associated revisions

Revision 74d44e15 - 03.07.2017 10:27 - Tobias Brunner

android: Make log view more efficient

This bunches several log messages together before posting Runnables.

Fixes #2148.

History

#1 - 18.10.2016 11:05 - Tobias Brunner

- Status changed from New to Feedback

> On my Motorola Moto E 2015, clicking on "View Log" and scrolling through the log is extremely slow during that reconnect. It can take multiple seconds between using the touchscreen and any result (start of log viewer, scrolling through logs).
> This slowness only happens during automatic reconnection attempts, but never while the tunnel is active or not started at all.

Could be because the log is longer then. Other than that there should be no difference.

#2 - 20.10.2016 10:01 - Carl-Daniel Hailfinger

I know that with large logs (multiple days of VPN connection) scrolling sometimes is a bit slow, but in this case the log was reasonably short (only 2 hours of VPN connection).

Once the reconnect is successful, scrolling the log works fine again. Scrolling the log also works fine if I abort the reconnect.

#3 - 10.03.2017 13:35 - Tobias Brunner

During a reconnect more messages are logged than usual, so maybe it's the automatic update of the log view that slows things down (each new line causes two Runnables to get queued, see source:src/frontends/android/app/src/main/java/org/strongswan/android/ui/LogFragment.java#L126, definitely not ideal if there's lots of new content).

#4 - 27.03.2017 18:04 - Tobias Brunner

- Related to Issue #2291: Android client hangs when I try to view the log added

#5 - 03.07.2017 10:30 - Tobias Brunner

- Tracker changed from Issue to Bug

- Assignee set to Tobias Brunner

- Target version set to 5.6.0

- Resolution set to Fixed

That's hopefully addressed with the referenced commit.

#6 - 03.07.2017 11:04 - Tobias Brunner

- Status changed from Feedback to Closed