

## Replicant - Issue #1854

### Device not rebooting after 5 unsuccessful unlock attempts

12/19/2017 11:59 AM - Jeremy Rand

<b>Status:</b>	New	<b>Start date:</b>	12/19/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Security	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Replicant 6.0	<b>Spent time:</b>	0.00 hour
<b>Resolution:</b>		<b>Grant:</b>	
<b>Device:</b>	Galaxy S 3 (I9300)		

#### Description

<https://redmine.replicant.us/projects/replicant/wiki/UsageNotes> states:

If a separate encryption password is in place and a PIN or password is set for the lockscreen, another security measure is active: After five unsuccessful attempts to unlock the screen, the device is rebooted and the attacker is faced with the much stronger encryption passphrase. This makes brute-force attacks on the lockscreen much harder.

This doesn't seem to work for me. I have an encryption password, and a different lockscreen password, and I've entered the wrong password 7 times in a row, and the device doesn't reboot.

This is with Replicant 6.0 0003.

#### History

##### #1 - 09/24/2018 01:03 AM - Andrés D

This works for me with 6.0 0004 nightly builds by Asara. After 5 wrong unlock attempts it reboots, I tried with both password and pin as unlocking methods.

##### #2 - 10/16/2018 05:17 PM - Joonas Kylmälä

I cannot reproduce the issue on 6.0 0003. Well... I can but the reason is

[https://git.replicant.us/replicant/frameworks\\_base/tree/packages/Keyguard/src/com/android/keyguard/KeyguardAbsKeyInputView.java#n45](https://git.replicant.us/replicant/frameworks_base/tree/packages/Keyguard/src/com/android/keyguard/KeyguardAbsKeyInputView.java#n45). So basically the Keyguard code doesn't care about passcodes that are shorter than 3 characters and you can type those infinite amount of times. Jeremy, could it be that the passcodes you tried were 3 or less characters?