

Packages - Bug #1416

cryptkey=rootfs:/etc/pass issue | keyfile is not added to initramfs somehow

2017-07-14 05:26 PM - fablamar78

Status: fixed	% Done: 100%
Priority: bug	
Assignee: isacdaavid	
Category:	
Description	
Hello,	
I followed this tutorial : https://wiki.parabola.nu/Installing_Parabola_on_Libreboot_with_full_disk_encryption_(including_/boot)	
to install Parabola on my Thinkpad x200 with full disk encryption. I'm having issue with keyfile.	
If booting linux-libre or linux-libre-lts with keyfile (to avoid typing password twice) :	
linux /boot/vmlinuz-linux-libre root=/dev/matrix/rootvol cryptdevice=/dev/sda1:root:allow-discards cryptkey=rootfs:/etc/pass rw	
-> The following error appears :	
:: running hook [encrypt] Waiting 10 seconds for device /dev/matrix/rootvol ... ERROR: device '/dev/matrix/rootvol' not found. Skipping fsck. :: mounting '/dev/matrix/rootvol' on real root mount: you must specify the filesystem type You are now being dropped into an emergency shell. sh: can't access tty; job control turned off [rootfs]#	
pass (the keyfile) is not present under /etc/	
If booting without keyfile :	
linux /boot/vmlinuz-linux-libre root=/dev/matrix/rootvol cryptdevice=/dev/sda1:root:allow-discards rw	
I have to input my password twice but it boots fine.	
I followed every steps :	
pass added to luks FILES="/etc/pass" in /etc/mkinitcpio.conf initramfs creation with mkinitcpio -p linux-libre	
Worth to mention that I had a working Parabola system a couple of months ago with the exact same setup and configuration.	
Here is the full "boot" command in grub.cfg (inside CBFS in Libreboot rom) which worked fine the past months :	
cryptomount -a set root="lvm/matrix-rootvol" linux /boot/vmlinuz-linux-libre root=/dev/matrix/rootvol cryptdevice=/dev/sda1:root:allow-discards cryptkey=rootfs:/etc/pass rw initrd /boot/initramfs-linux-libre.img boot	
Related issues:	
Related to Packages - Bug #1419: [cryptsetup] race condition => doesn't find ...	fixed 2017-07-18

History

#1 - 2017-07-14 05:47 PM - isacdaavid

mkinitcpio-busybox 1.26 broke the encrypt hook somehow.

people have had success reverting to 1.25.1-2, or renaming the keyfile to /crypto_keyfile.bin while removing the cryptkey parameter altogether:

<https://lists.parabola.nu/pipermail/assist/2017-July/000865.html>

try one of those and tell us how it goes

#2 - 2017-07-14 06:23 PM - fablamar78

isacdaavid wrote:

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You remind me I should read the mailing list more often :)

I'll let you know it goes. Thanks !

#3 - 2017-07-14 09:42 PM - isacdaavid

fablamar78 wrote:

You remind me I should read the mailing list more often :)

maybe it's too late to suggest the following because it's been weeks since the mkinitcpio-busybox update; however this should have made it to the news section on the main website. i resisted because i don't feel like i have a full grasp of what's going on.

#4 - 2017-07-14 11:52 PM - fablamar78

Alright, problem solved ! (Using /crypto_keyfile.bin)

Thanks for the tip isacdaavid ! Hope it will help other people.

#5 - 2017-07-15 04:58 PM - isacdaavid

- % Done changed from 0 to 100
- Assignee set to isacdaavid
- Status changed from open to fixed

#6 - 2017-09-18 02:08 AM - isacdaavid

- Related to Bug #1419: [cryptsetup] race condition => doesn't find key, waits for rootfs, and timeouts added