DragonFlyBSD - Bug #2789

re: Tcplay ---> Could not open /dev/crypto

02/14/2015 03:56 PM - garytivey512

Status:	New		**Start date:**	02/14/2015
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Crypto		**Estimated time:**	0.00 hour
Target version:	4.0.x			

Description

While trying to create an encrypted container using tcplay I got this error message.
If anyone can help out on this one, it would be appreciated!

container(file) is zeroed-out and mounted using vnconfig vn0 imagefile

kldstat shows dm.ko and dm_target_crypt.ko loaded, but crypto.ko is not loaded --- if I try to manually load crypto.ko the returned message is "interface crypto.1 already present in the KLD 'kernel'!"

black2# tcplay --create --device=/dev/vn0
Passphrase:
Repeat passphrase:
Summary of actions:
- Completely erase *EVERYTHING* on /dev/vn0
- Create volume on /dev/vn0

Are you sure you want to proceed? (y/n) y
Securely erasing the volume...
This process may take some time depending on the size of the volume
Creating volume headers...
Depending on your system, this process may take a few minutes as it uses true random data which might take a while to refill
Could not open /dev/crypto: No such file or directory
Header encryption failed
Could not create header
could not create new volume on /dev/vn0

History

#1 - 02/15/2015 11:40 PM - sepherosa

On Sun, Feb 15, 2015 at 7:56 AM,
<bugtracker-admin@leaf.dragonflybsd.org> wrote:
> Issue #2789 has been reported by garytivey512.
>
> --------------------------------------
> Bug #2789: re: Tcplay ---> Could not open /dev/crypto
> http://bugs.dragonflybsd.org/issues/2789
>
> * Author: garytivey512
> * Status: New
> * Priority: Normal
> * Assignee:
> * Category: Crypto
> * Target version: 4.0.x
> --------------------------------------
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> If anyone can help out on this one, it would be appreciated!
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> container(file) is zeroed-out and mounted using vnconfig vn0 imagefile
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> Are you sure you want to proceed? (y/n) y
> Securely erasing the volume...
> This process may take some time depending on the size of the volume
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> Could not open /dev/crypto: No such file or directory

How about kldload cryptodev.ko?

> Header encryption failed
> Could not create header
> could not create new volume on /dev/vn0

--
Tomorrow Will Never Die

#2 - 02/16/2015 10:53 AM - garytivey512

Loaded the cryptodev.ko module as suggested by Sepherosa, and Tcplay works just fine.

Perhaps a note somewhere in the documentation would be useful,... or possibly find a way to load the module (cryptodev.ko) on demand if that is possible/practical.