

DragonFlyBSD - Bug #2557

stock 3.4.1 kernel halts during booting if dm and dm_target_crypt are loaded and RAID controller is present

05/12/2013 10:38 PM - phma

Status:	New	Start date:	05/12/2013
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<p>Two computers: darner and zyxomma. Darner is 32-bit running 3.5.0. Zyxomma is 64-bit running 3.4.1 copied from the thumb drive. Both have an encrypted partition.</p> <p>Darner's loader.conf: #vfs.root.mountfrom="hammer:serno/Y2P0C2BE.s1d" vfs.root.mountfrom="hammer:serno/WD-WCC2ECF38674.s1d" kern.emergency_intr_enable=1 fred_disable=NO dm_load=YES linux_load=YES #dsched.policy.ad0=fq #dsched.policy.ad4=fq dsched.policy.ad0=noop dsched.policy.ad4=noop snd_ich_load=YES hw.snd.pcm0.vchans=4 dm_target_crypt_load=YES vfs.hammer.skip_redo=1</p> <p>Zyxomma's loader.conf: vfs.root.mountfrom="hammer:serno/131061401278.s1d" #dm_load=YES #dm_target_crypt_load=YES</p> <p>If the dm lines are not commented out, and I boot it in verbose mode, I get the following: FQ scheduler policy version 1.1 loaded wdog: In-kernel automatic watchdog reset enabled wlan: <802.11 Link Layer> kbd: new array size 4 kbd1 at kbdmux0 crypto: <crypto core> No policy for md0 specified, or policy not found disk scheduler: set policy of md0 to noop md0: Malloc disk md0: invalid primary partition table: no magic hpt27xx: RocketRAID 27xx controller driver v1.0 (Apr 24 2013 20:01:00) hptrr: RocketRAID 17xx/2xxx SATA controller driver v1.2</p> <p>If I comment out the lines, it boots normally, but I have to load the dm module manually before starting cryptdisks, and dntpd doesn't work. I had to mount the crypt partition and run dntpd in debug mode to get it to work.</p>			