

DragonFlyBSD - Bug #1144

Incorrect clock under KVM

10/01/2008 05:01 AM - msylvan

Status:	Feedback	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Using kvm-74-3.fc10.x86_64 on Fedora 10 beta.			
Host machine is set to EST/EDT. The guest FreeBSD 7 installation reports the correct time (whether UTC or local), but the DragonFly 2.0.1 installer, and the installed system, is ahead by 4 hours.			
It appears that, for some reason, the DragonFly/KVM combo is wrongly compensating, presumably assuming (wrongly) that the host clock is set to localtime (UTC-4) and thus adding four hours to it. Any difference in the way the DragonFly and FreeBSD kernels handle the system clock?			

History

#1 - 10/01/2008 01:42 PM - justin

Did you set the clock and timezone during the install process for DragonFly? As I recall, there's a separate installer step for that; the DragonFly installer may assume UTC or a lack of it, depending.

#2 - 10/01/2008 01:58 PM - swildner

tzsetup(8)

#3 - 10/01/2008 02:53 PM - msylvan

Tried tzsetup. Telling DFLy that the system clock is either UTC or localtime does not change the reported time at all. On booting the live CD, if I log in as root, the clock is off by the same offset (+ 4 hours from the correct GMT time) as after installation, when it's + 4 hours to the correct EST/EDT time.

Might be a qemu/KVM problem, actually. I'll install DFLy on a real partition in a couple of days to get a feel of how tzsetup is supposed to behave -- just want to mention that FreeBSD on KVM behaves perfectly fine -- apart from the infamous qemu clock drift.

#4 - 10/01/2008 03:26 PM - ahuate.devel

Hi,

Have you tried to pass -localtime option to kvm when starting?

Regards,

Antonio Huete

> New submission from Michel Salim <salimma@fedoraproject.org>:

>

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> correct time (whether UTC or local), but the DragonFly 2.0.1 installer, and the
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> messages: 5455

> nosy: msylvan
> priority: bug
> status: unread
> title: Incorrect clock under KVM
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> _____
> DragonFly issue tracker <bugs@lists.dragonflybsd.org>
> <<https://bugs.dragonflybsd.org/issue1144>>
> _____
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>
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#5 - 10/01/2008 04:21 PM - msylvan

Still buggy. With -localtime, DFly correctly reads the actual localtime (the installation live CD reported it as GMT, because no timezone has been selected). After using tzdata on the installed system, even though I answered 'no' to the question 'is system clock set to UTC', it still treated the system clock as UTC anyway, so my clock is now 4 hours early.

Bizarre.

#6 - 03/09/2013 01:17 PM - tuxillo

- *Description updated*
- *Status changed from New to Feedback*
- *Assignee deleted (0)*

Hi

Is this still the case?

Cheers,
Antonio Huete