Subject: Re: /dev/fd/3

Posted by Steve Hodges on Tue, 14 Aug 2007 14:40:44 GMT

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The really strange thing is that I'm damn sure I had this working at least once before. I wonder if I managed to snag a different version of the template when I rebuilt the server?

Anyway, that's fixed now :-)

It still won't mount the dvd, but that's not a huge issue at present.

Steve

On 14/08/2007 7:30 PM, Matt Ayres wrote: > The same bug exists in Virtuozzo, "In -s /proc/self/fd /dev/fd" > appears to be the fix. > Reference: http://www.tektonic.net/forum/showthread.php?t=1936 > Steve Hodges wrote: >> On 14/08/2007 1:58 AM, Gregor Mosheh wrote: >>> >>> Or perhaps your VE has maxed out the number of FDs it's allowed to >>> have? Check the /proc/user_beancounters and see if anything there is >>> happening to shed light on whether the failure is VE-related. >> >> Here is what I see, including the beancounters immediately after >> Executing 'mkisofs -C 106736,113120 -M /dev/fd/3 -R -J -pad >> -graft-points /2007-08-14__12-07-50=/home/archive/image | builtin_dd >> of=/dev/hdc obs=32k seek=7070' >> genisoimage: No such file or directory. Cannot open '/dev/fd/3'. >> Cannot open SCSI driver. >> genisoimage: No such file or directory. Unable to open previous >> session image '/dev/fd/3'. >> :-(mkisofs has failed: 2 >> ***image written >> ***error writing to DVD. You may need another DVD >> root@backup:/# cat /proc/user_beancounters >> Version: 2.5 barrier uid resource held maxheld >> >> limit failcnt

111: kmemsize

12 0 lockedpages

>> 2936012

>>

8905

691152

30000

2752512

509969

0

^{*}thank you*

>> 30000	0				
		1778	18	18792 100000	
>> 20000	0 0				
>>	shmpages	0	0	8192	
>> 8192	0				
>>	dummy 0	0	0	0	
>>	numproc	10	14	6	5
>> 65	0				
>>	physpages	1112	99	81	0
	83647 0		_		
	vmguarpages	0	C) 6	144
	83647 0	4.4.4.	_	0004	0.1.1.1
	oomguarpages	1112	2	9981	6144
	83647 0	•	•		
	numtcpsock	3	3	8	80
>> 80	0	4	•	400	
>>	numflock	1	2	100)
	0	4	4	40	
>>	numpty 0	1	1	16	
>> 16	0	0	0	25	^
>>	numsiginfo 0	U	2	25	0
>> 250	U	0	0	2404	00
	tcpsndbuf	0	U	3194	00
>> 52428	tcprcvbuf	0	Λ	31948	00
	16prevbui 18 0	U	U	31940	00
	othersockbuf	2220	20	ω.	132006
	000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2220	23	104	132090
		Ο	0 132096		
>> dgramrcvbuf 0 0 132096 >> 132096 0					.090
	numothersock	2	Δ		20
>> 120	0	_			120
>>	dcachesize	0	0	1048	576
>> 10977		· ·	Ū	1010	010
>>	numfile	237	317	20	48
>> 2048	0	_0.	•	_0	.0
>>	dummy	0	0	0	
>> 0	0				
>>	dummy	0	0	0	
>> 0	0				
>>	dummy	0	0	0	
>> 0	0				
>>	numiptent	10	10	12	28
>> 128	o ˙				
>>					
>> the lines flagged with *** come from my script.					
>>					

```
>> the relevant lines of the script are:
>>
>> # create a path on the dvd
>> writedate=$(date +%Y-%m-%d___%H-%M-%S)
>>
>> # burn files to dvd (either new or append) in timestamped directory
>> # might be a good idea to log this fact too.
>> err=
>> case "$dvdstatus" in
>> blank)
    growisofs -Z /dev/hdc -R -J -pad -graft-points
>> "/${writedate}=${image}" || err=Y
>>
>>
>> appendable)
    growisofs -M /dev/hdc -R -J -pad -graft-points
>> "/${writedate}=${image}" || err=Y
>>
>>
>> *)
    echo Internal error deciding how to write to dvd
>>
    exit 1
>>
>>
>> esac
>> echo image written
>>
>> # if error then send email and ask for new dvd (reporting error too)
>> if [[ "$err" == "Y" ]]; then
>> echo error writing to DVD. You may need another DVD
>> eiect
>> exit 1
>> fi
>> (clearly the script isn't complete yet :-)
>>
>>>
>>>
>>>> I also find that whilst I have made /dev/hdc available to my VE, I
>>> can't mount the cdrom. It tells me
>>>> mount: unknown filesystem type 'udf'
>>>> mount: unknown filesystem type 'iso9660'
>>>
>>> For a CDROM, iso9660 is usually appropriate. Are you sure that that
>>> module is already loaded in the hardware node? A lot of distros
>>> leave iso9660 as a module and VEs cannot load kernel modules.
>>>
>>> Do a "modprobe iso9660" in the HN, to ensure that the module is
```

```
>>> loaded. Then try mounting the CD in the VE.
>>
>> modprobe iso9660 seems to work on the hardware node, however Ismod |
>> grep iso shown only
>> isofs
                  21348 0
>>
>> (which my googling suggests may actually me the right thing to see.)
>>
>> nevertheless, I can
>> mount -t iso9660 /dev/hdc /media/cdrom0
>> whereapon I get
>> mount: block device /dev/hdc is write-protected, mounting read-only
>> and df, in part, reports
>> /dev/hdc
                       458
                               458
                                        0 100% /media/cdrom0
>> /etc/fstab on the HN contains:
>> /dev/hdc /media/cdrom0 udf,iso9660 user,noauto 0 0
>>
>> I then umount /dev/hdc and go into the ve (which has access to hdc
>> via vzctl set $1 --devnodes hdc:rw --save)
>> it's /etc/fstab looks like this:
>> # UNCONFIGURED FSTAB FOR BASE SYSTEM
>> /dev/hdc /media/cdrom0 udf,iso9660 user,noauto 0 0
>> if I do this:
>> mount -t iso9660 /dev/hdc /media/cdrom0
>> I get this:
>> mount: unknown filesystem type 'iso9660'
>>
>>
>>
>>>
>>>
```