
Subject: weird filesystem corruption issues

Posted by [Aleksandar Ivanisevic](#) on Tue, 09 Oct 2012 12:34:43 GMT

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Hi,

please help me debug this weird issue. This has been happening occasionally in my setup for literally years, on at least 10 different OVZ kernels.

in VE:

```
# md5sum /tmp/application.log.backup
89024ce67704e3cf2aa9e7b2e2584a60 /tmp/application.log.backup
```

```
# gzip > application.log.backup.gz < /tmp/application.log.backup
# zcat application.log.backup.gz | md5sum
```

```
zcat: application.log.backup.gz: unexpected end of file
986389b791ee94692da36a56be29392a -
```

but the next attempt 10 seconds later:

```
# gzip > application.log.backup.gz < /tmp/application.log.backup
# /var/log zcat application.log.backup.gz | md5sum
89024ce67704e3cf2aa9e7b2e2584a60 -
```

the file is truncated at the random place.

I can reliably reproduce this by running this in a loop:

```
root@ /var/log while true; do gzip > application.log.backup.gz < /tmp/application.log.backup ; zcat
application.log.backup.gz | md5sum; done
89024ce67704e3cf2aa9e7b2e2584a60 -
```

```
zcat: application.log.backup.gz: unexpected end of file
ad830a43ccf4641afc2c0dfd42b3d5b8 -
89024ce67704e3cf2aa9e7b2e2584a60 -
89024ce67704e3cf2aa9e7b2e2584a60 -
```

```
zcat: application.log.backup.gz: unexpected end of file
a35d71d503b3cfc249409075afd9295f -
89024ce67704e3cf2aa9e7b2e2584a60 -
89024ce67704e3cf2aa9e7b2e2584a60 -
```

But when I run it from the HN, there is never any issue

```
# while true; do gzip > application.log.backup.gz < /vz/private/1090/tmp/application.log.backup ;  
zcat application.log.backup.gz | md5sum; done  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -  
89024ce67704e3cf2aa9e7b2e2584a60 -
```
