

GNet Solutions - Bug #33

Cannot delete file as root

01/16/2013 10:45 AM - Daniel Curtis

Status:	Closed	Start date:	01/16/2013
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	4.00 hours
Description			
A problem exists in Linux after a file recovery (e2fsck) leaving some of the recovered files with corrupt file attributes (lsattr). This causes any file modification or deletion to fail, even as root.			

History

#1 - 01/16/2013 10:49 AM - Daniel Curtis

- Status changed from New to Closed

- % Done changed from 0 to 100

In order to remove the two file attributes needed for file deletion by root use the chattr command with the -a and the -i flags on the file to change the *A*ppend and *I*mmutable file attributes.

```
chattr -i -a /path/to/some/file
```

When the command finishes delete or modify the files normally.

#2 - 03/31/2013 09:17 AM - Daniel Curtis

Some attributes include:

- **A** - don't update atime
- **S** - synchronous updates
- **D** - synchronous directory updates
- **a** - append only
- **c** - compressed
- **d** - no dump
- **i** - immutable
- **j** - data journaling
- **s** - secure deletion
- **T** - top of directory hierarchy
- **t** - no tail-merging
- **u** - undeletable
- **I** - use hashed b-trees for directory lookups