

## Re: NTFS Permissions Question

**Source:**

<http://www.tech-archive.net/Archive/Certification/microsoft.public.cert.exam.mcse/2005-02/0875.html>

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Adam Leinss wrote:

- > *You seem to be saying two completely different things here about what*
- > *the modify permission allows you to do. I believe the permissions*
- > *are*
- > *additive and work like this:*
- >
- > *Modify rights only: can modify files or folders, but not delete them*
- >
- > *Delete rights only: since you cannot modify files or folders, you can*
- > *not delete them (deletion would be a modification would it not?)*
- >
- > *Modify + Delete rights: you can both modify and delete files*
- >
- > *Adam*

Wrong – Modify includes Delete.

Rights that are activated when you apply the Modify right on a folder:

Traverse Folder/Execute File  
List Folder/Read Data  
Read Attributes  
Read Extended Attributes  
Create Files/Write Data  
Create Folders/Append Data  
Write Attributes  
Write Extended Attributes  
Delete  
Read Permissions  
Synchronize

Rights that aren't activated when you select Modify:

Delete Subfolders and Files  
Change Permissions

## Take Ownership

...all of which you can do when Full Control is applied.

This is obtained from Microsoft Win2k3 Server Docs:

<http://www.microsoft.com/resources/documentation/WindowsServ/2003/standard/proddocs/en-us/Default.asp?url=/res>

Now check out the entries for Delete and Delete Subfolders and Files:

Delete: Allows or denies deleting the file or folder. If you do not have Delete permission on a file or folder, you can still delete it if you have been granted Delete Subfolders and Files on the parent folder.

Delete Subfolders and Files: Allows or denies deleting subfolders and files, even if the Delete permission has not been granted on the subfolder or file. (Applies to folders.)

This is obtained here:

<http://www.microsoft.com/resources/documentation/WindowsServ/2003/standard/proddocs/en-us/Default.asp?url=/res>

However what's happening is both Modify and Full Control (which has the delete Subfolders and Files permission) behave exactly the same. Both delete subfolders if inheritance on the child folder is checked, both are unable to delete subfolders if inheritance on the child folder is unchecked.

Try it yourself.