

## Re: permissions for www acting strangely

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  - *Date:* Mon, 19 Nov 2007 18:42:58 +0100
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Steve Franks wrote:

Few weeks ago, I installed apache22. Just wanted to put up some family photos. Whenever I tried to connect, got a "apache doesn't have permission to access ~/. on this system or somesuch". The only way to get around it appeared to be a `chmod 777` on my pic folder (no luck with 775!). Now I restored some stuff from a backup over my photos, and now 777 won't work either. Is there something fundamental about permissions I am totally missing?

Look at your apache config file. Most probably, `/usr/local/etc/apache22/httpd.conf`.

Look for "User" and "Group" options – it tells you the user and group apache is running under.

Now look at the ownership of your files and directories. Apache needs to have `rx` on directories and `r` on file to read them.

One common approach for this problem is to set the "set group id" bit on your folder containing your photos, and do

```
chown user1:group1 -R yourfolder
```

Where:

user1 – can be you (?)

group1 – should be the group apache is running under

Well, it is just a bad example. You need to develop your own strategy for security. The key is that you also need to check ownership. It is not enough to `chmod`, sometimes you need to `chown`.

Best,

Laszlo

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freebsd-questions@xxxxxxxxxxxxx mailing list

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