

GNU/Linux Administration - Bug #243

Problems Synchronizing Web Site Files To Central NFS Server

11/26/2013 07:33 AM - Daniel Curtis

Status:	Closed	Start date:	11/26/2013
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Network Attached Storage	Estimated time:	0.50 hour
Target version:		Spent time:	1.00 hour
Description			
<p>While moving web site files to the central NFS server, I kept getting permission denied errors while changing ownership of files. I managed to find a work around for this, I needed to add the no_root_squash option to the NFS share being exported.</p> <p>By default, NFS shares change the root user to the nfsnobody user, an unprivileged user account. In this way, all root-created files are owned by nfsnobody, which prevents uploading of programs with the setuid bit set.</p> <p>If no_root_squash is used, remote root users are able to change any file on the shared file system and leave trojaned applications for other users to inadvertently execute.</p> <p>I use FreeNAS, so I cannot just edit files willy-nilly on the filesystem. However, there is an option in its web GUI that allows this option to be setup. From the web GUI, go to <u>Sharing -> Unix(NFS) Shares -> <i>ShareName</i></u> and set the Mapall User to root</p>			
Resources			
<ul style="list-style-type: none">• http://www.centos.org/docs/4/4.5/Security_Guide/s2-server-nfs-noroot.html• http://blog.binarymist.net/2010/05/16/setting-up-a-nfs-share-in-freenas/			

History

#1 - 02/15/2015 09:26 PM - Daniel Curtis

- Project changed from 38 to GNU/Linux Administration

- Category set to Network Attached Storage