# Tech Info Library

## AWS 95, AppleShare Pro and Non-root Users (12/93)

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Revised:        12/14/93
Security:       Everyone
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TOPIC -------------------------------------------------------------

This article describes why the Apple Workgroup Server (AWS) 95 will not
allow non-root users to run AppleShare Pro.  Also the use of a screen saver
with password protection will provide security.

DISCUSSION --------------------------------------------------------

There are no plans to implement support for non-root users to run
AppleShare Pro on the AWS 95.  Its implementation has been investigated and
the effort necessary to make such a change would be great.

Several factors were considered before arriving at this decision.  Since
AppleShare Pro requires write access to the "/" volume for the creation of
the PDS file, it needs to be a root process.  Other administrative
functions require root access as well.  For example, mounting file systems,
initializing a hard disk, making a new file system, the creation of a new
kernel, modifying the A/UX Buffer Cache which changes the A/UX kernel, and
so on.

If the AWS 95 is in a situation where security is a concern, we suggest the
use of a screen saver which allows for password protection.  You must use a
module that does not require CPU cycles to work.  For example, AfterDark,
using the FadeAway module with the SystemIQ monitor enabled.  Any other
AfterDark module will affect the server performance.

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