Tech Info Library

A/UX: Solution to /etc/mtab: No such file or directory Error

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Security:       Everyone
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A/UX: Solution to "/etc/mtab: No such file or directory" Error

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Article Change History

08/31/92 - REVIEWED
        •For technical accuracy

TOPIC ---

I tried to mount a file system and got the error:

    /etc/mtab: No such file or directory

DISCUSSION --

(A) Check for /etc/mtab. The file /etc/mtab must exist for the
    mount command to work.

1) Log onto the system as "root".

2) Enter the line, "ls -l /etc/mtab".

    The output displayed should look like this:

       -rwxr-xr-x 1 root   sys   147 Apr 25 14:07 /etc/mtab

    The size and modification date of this file will differ on your system.

If the output is "/etc/mtab not found", then, the file /etc/mtab is missing
and must be created. This series of command lines will create the file
/etc/mtab with the correct permissions and ownerships:

1) Enter the line: touch /etc/mtab

2) Enter the line: chgrp sys /etc/mtab

3) Enter the line: chmod 755 /etc/mtab

(B) Check Permissions on the file /etc/mtab.

Incorrect permissions on the file /etc/mtab could cause this error.

1) Log onto the system as "root".

2) Enter the line: ls -l /etc/mtab

   The output displayed should look like this:

      -rwxr-xr-x 1 root   sys   147 Apr 25 14:07 /etc/mtab

   The size and modification date of this file will differ on your system.

3) If the first column of the output displayed does not equal:

      -rwzr-xr-x

   enter the line: chmod 755 /etc/mtab

   This will correct the file permissions.

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