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A/UX 2.0.1: Solution for syschk Error Problem

Revised: 11/9/92
Security: Everyone

A/UX 2.0.1: Solution for "syschk" Error Problem

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Article Change History

08/31/92 - REVIEWED
• For technical accuracy.

TOPIC -----

I'm having a problem with the System Checker disk of the A/UX v2.0.1 release: the shell script syschk is not executable (protection 444 instead of 555). I changed the protection to the right value and then I got an error message when running the syschk command: "Message too long".

DISCUSSION -----

We have verified the problem. The 'syschk' Korn Shell script file in the A/UX 2.0.1 distributed System Checker disk seems to be missing some "echo" statements before the displayed error message. The echo statements should be inserted before the displayed message, around lines 145 and 168 in the syschk script file. They should be changed to the following:

```
    if [-n $noopt"]; then
    echo "\n          <===== inserted
Error - insufficient room in / partition.
At least $need more free blocks needed to install optional files.
Optional file (manuals, games) disregarded in calculations.
"          <===== inserted

    if [-n $noopt"]; then
    echo "\n          <===== inserted
Error - insufficient room in /usr partition.
At least $usrneed more free blocks needed to install optional files.
Optional file (manuals, games) disregarded in calculations.
```

"

<===== inserted

Note: If the script was written in Korn Shell not Bourne Shell, use 'ksh syschk' instead of 'sh syschk'. The 'syschk' file is unnecessarily changed to executable if it is invoked by 'ksh syschk'. The "Message too long" message results from the Bourne Shell.

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