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A/UX: vn_rele Panic Message (9/94)

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Security: Everyone

A/UX: "vn_rele" Panic Message (9/94)

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TOPIC -----

When I log out of a session on A/UX, I get the message:

```
panic: vn_rele
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This happens on a Macintosh IIfx with miroGRAPH graphics board, Ethernet NB Card, 200MB Conner Drive (one UNIX partition, c0d0s0, partitioned with SilverLining).

What does the above panic message mean, what are its causes, and what do I do about them? These other panic messages were encountered when doing an "fsck" on the file system after the above panic message: "panic: free freeing free block" and "panic: ialloc_dup alloc".

The display on the above machine changes its size on booting A/UX (the menu bar gets squeezed downwards). Is this just a problem with the third-party monitor card? Does A/UX reset the monitor card on booting the kernel?

DISCUSSION -----

It seems that you had a UFS root file system problem on the Conner hard drive.

The above "panic: vn_rele" message occurs when the A/UX UFS file system tries to do a vn_rele function (release a vnode and decrement the reference count) to maintain its file system data structure. Panic occurs when the reference count reaches to 0. Both the "free freeing free block" and "ialloc_dup alloc" panic messages indicate that there is a bad free-block list and duplicate inode allocations in the UFS super block.

We don't know the parameters used when the UFS root file system was created on the Conner drive. These parameters (like the number of sectors, tracks, and cylinders) must be specific to the Conner drive.

If the parameters used to create a UFS file system do not match the drive, we suggest that you rebuild the UFS file system with the correct values. Otherwise, try to "fsck" the root file system (you can do the "fsck" in #startup mode) to make a clean root file system.

We haven't seen the menu bar squeezed problem on our third-party monitor while A/UX is booting. Check with the vendor about this problem. Yes, A/UX does a reset on the monitor card when the A/UX kernel is loaded.

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Support Information Services

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