

SUMMARY: DEC Alpha 1000 – Boot Problem

Source: <http://unix.derkeiler.com/Mailing-Lists/Tru64-UNIX-Managers/2003-12/0139.html>

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Date: 12/23/03

Date: Tue, 23 Dec 2003 08:17:37 +0100

To: tru64-unix-managers@ornl.gov

Hello Admin Wizards,

thanks to Rainer Wolf and Mike Broderick!

In spite of their efforts we were not able to solve the problem. I ended up with having the controller and the defective disk replaced AND I had to reinstall the system – it was not possible to get beyond the single user mode. Always when trying to mount `-t advfs data#usr /usr` the machine halted, created a dump, passed a kill sequence and ended up at the srm prompt.

Thus I am convinced now that these machines are not very reliable anymore even as backup systems of 2nd order.

Thanks again to the list, merry christmas and a happy and healthy new year everyone!

Original statement was:

One of my old backup servers – DEC Alpha 1000/233 with the builtin Raid shelf (7x DEC 2 GB Diks on a Mylex Controller) has a problem I am unable to solve.

The Raid5 set consists of 6 members, disk 7 is a hot spare. One of the Raid Members (Channel 1 Drive 0) failed, and the machine halted. No automatic rebuild.

I started the swxcrmgr from disk and startet the rebuild manually (worked fine), the defect disk was set to FAIL.

After trying to reboot, the system comes up until the lsm starts – then it says "DUMP: DRA0 [adress] [adress]" (repeated twice) and goes back to the srm prompt afterwards.

Hm. Now I wonder what may have been happening here – is the controller defect?

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Anyone an idea?

YS, CW

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