[TD 2703-CR] New Console Firmware for AlphaServer ES40 - BLITZ

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   SOURCE: Compaq Computer Corporation   INFORMATION   BLITZ

   INFORMATION BLITZ TITLE:

        New Console Firmware for AlphaServer ES40

   DATE: 6-October-1999

   INFORMATION BLITZ #: TD 2703-CR

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 PRODUCT NAME(S) IMPACTED: AlphaServer ES40

 PROBLEM STATEMENT:
 1) EV6 CPU Version 2.5 requires console firmware V5.5-107 (or greater).
 2) PALcode change for system hangs caused by simple lock timeouts.
 3) Remote Mgmt Console (RMC) code change for mistake reading CPU eeprom data.

 PROBLEM SYMPTOM:
 1) EV6 CPU V2.5 CPU ID is not recognized in Hardware Restart
    Parameter Block.

 2) There have been a number of reports of systems running Tru64 UNIX
    experiencing CPU hangs that result in "simple lock timeout" or
    "tb_shoot ack timeout" panics, and some system hangs. The reason
    for the panics is a hung secondary CPU, and the reason for the
    system hang is a hung primary CPU.

 3) The failure occurs when CPU3 is installed, but CPU1 is not
    installed. The RMC will complain with "Bad CPU EEPROM Data"
    because it mistakenly looks at the CPU1 area for CPU3 data.

 SOLUTION:
 Update the console firmware to V5.5-107. Console firmware is available
 at http://ftp.digital.com/pub/Digital/Alpha/firmware/interim/es40/.

 Instructions for the update may be found at:
 http://ftp.digital.com/pub/Digital/Alpha/firmware/interim/es40/readme.txt.

ADDITIONAL INFORMATION:

Additional information may be found in Blitz TD 2706-CR entitled:

      [TD 2706-CR] AlphaServer ES40 Firmware Update Procedure - BLITZ


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