

Hardware failures at CERN

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A detailed study of approximately 4000 vendor interventions for hardware failures experienced in CERN IT computing facility in 2010-2011 will be presented. The rates of parts replacements are compared for different components and as expected disk failures are dominating with approximately 1% quarterly replacement rate. When plotting the variation with age a higher rate is seen in the first year after deployment whereas there is no significant sign of wear-out at the end of the 3 years warranty.

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