Contribution ID: **10**   Type: **not specified**

AFS Performance

Wednesday 26 March 2014 17:00 (30 minutes)

Many users, administrators and developers have observed that OpenAFS scales badly on multi-core machines. On some platforms we not only fail to take advantage of additional cores, but run slower than we would on an equivalent single core machine.

This talk will examine the reasons for this. We will present recent work profiling the AFS server suite and discuss ways of using this information to improve server throughput. We will discuss both coding improvements and configuration alterations they can be used to improve performance on today's multi processor systems.

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Session Classification: OpenAFS Updates (Part 2)