



Linux Scalability In A Box (SIAB)

Focus Team Charter for Stockholm 2003



Focus Team - SIAB



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Mission: Explore ways to use the system with the highest efficiency and identify bottlenecks to large node scalability and resolve them.

Objectives: Share information and resources in Linux Scalability in a box. (HP, NEC, SGI...)

Areas of interest: Linux kernel and application scaling (down and up) making sure Linux scales and if it doesn't identify issues. Don't compromise price/performance at low end

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Issues to explore:

Identify a few key users (NCAR, KTH) and understand their scalability requirements for applications specifically for Itanium.

Scope:

Linux, IPF with focus on 16 way and up for 2004, scalability with regard to large amounts of memory, I/O, processors, cache, visualization

Potential projects:

Sharing of hardware, software, test, application and benchmarks to gather information on optimization for scaling.