Contribution ID: **36** Type: **not specified**

# Virtual Machine CPU Benchmarking the HEPiX way

*Thursday, May 28, 2009 8:30 AM (30 minutes)*

We employ the HEP-SPEC06 benchmark, developed by the HEPiX CPU benchmarking working group, to evaluate CPU performance of a number of virtual machines configurations for the highly CPU loaded HEP worker node. Benchmarks are performed on 8 different models of AMD and Intel CPU spanning 2003 to 2008 generation architectures. We demonstrate that multi-core worker node can run n VMs where n is the number of cores without suffering significant CPU performance penalties. Our focus is
primarily on Xen, but we have some preliminary KVM results.

## Summary

We employ the HEP-SPEC06 benchmark, developed by the HEPiX CPU benchmarking working group, to evaluate CPU performance of a number of virtual machines configurations for the highly CPU loaded HEP worker node.

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**Session Classification:** Virtualisation III

**Track Classification:** Virtualisation