
Subject: RE: Container Test Campaign
Posted by [mef](#) on Fri, 23 Jun 2006 07:40:45 GMT
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Hi Sam,

> One area it would be interesting to see benchmarks for is the
> performance impact of filesystem unification and a lot of vservers -
> for instance, a system with 10 vservers, each running apache and
> actively serving pages, I'd expect to see more cache hits at the L2
> and/or L3 CPU cache layers on account of the fact that, eg, C
> libraries are not being paged out to load in other (identical) C
> libraries.

We can try this with our SPECWEB'99 benchmark. Our current setup does not use FS unification.

> My guess is that you just can't leverage that kind of benefit from a
> hypervisor approach, but I don't really know enough about how they
> work under the hood to be able to say.

Right, our current benchmark shows that even w/o the benefit of FS unification that a container-based approach (in our case vserver) still significantly outperforms Xen on both SPECWEB'99 and OSDB benchmarks. Please take a peek at our evaluation sections in the paper that I forwarded before.

Marc
