

## Reads

VFS accounting blogbench benchmarks

blogbench -d /mnt/blogbench -W 2 -i 100

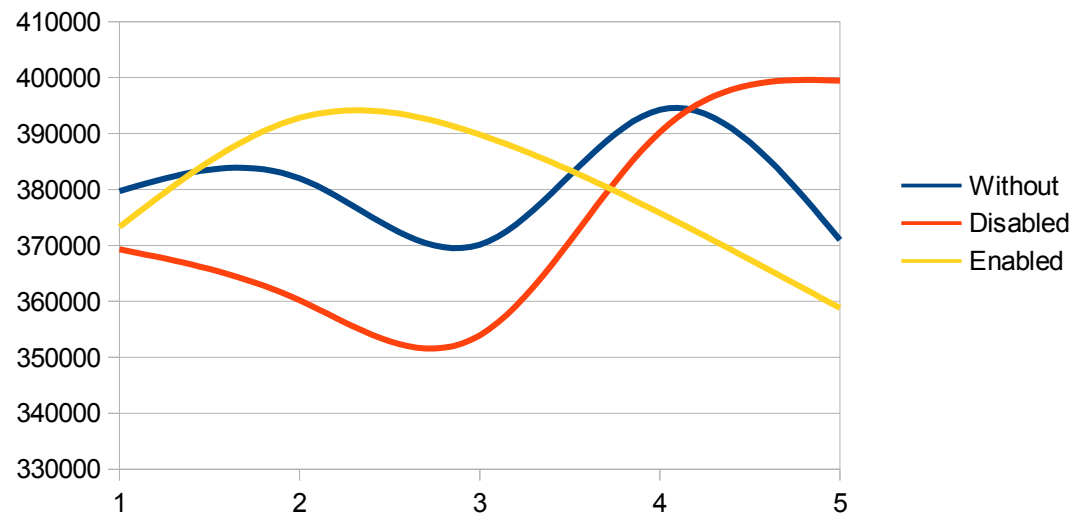
Blogbench reads					
VFS accounting state in kernel	Result 1	Result 2	Result 3	Result 4	Result 5
Without	379694	381986	370141	394237	370992
Disabled	369298	360184	353918	390243	399436
Enabled	373315	392789	389804	375788	358832

Average
379410
374615,8
378105,6

Max variation

1,27%

Blogbench reads



### Hardware :

- 1x Sandy Bridge Xeon E3-1220
- 16 GB RAM
- 1x Areca ARC-1880-i
- 12x 7200rpm, 1TB hdds
- RAID 10 volume

Working set : 21 GB

All blogbench instances were run after rebooting the machine and a newfs of the target filesystem (HAMMER)

## Writes

VFS accounting blogbench benchmarks

blogbench -d /mnt/blogbench -W 2 -i 100

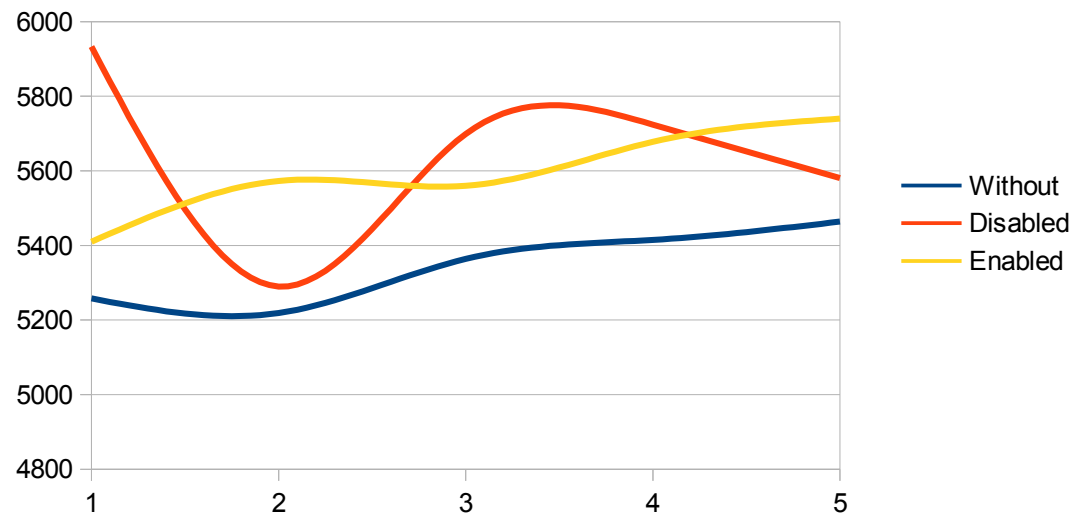
<b>Blogbench writes</b>					
VFS accounting state in kernel	Result 1	Result 2	Result 3	Result 4	Result 5
Without	5258	5219	5364	5415	5464
Disabled	5933	5290	5699	5724	5581
Enabled	5410	5573	5560	5678	5740

Average
5344
5645,4
5592,2

Max variation

**5,45%**

VFS accounting Blogbench writes



performance is actually higher with the VFS accounting kernels