
Subject: ioacct interpretation and unit

Posted by [Atosboy](#) on Tue, 19 May 2009 15:29:46 GMT

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Hi,

We try to analyze the behavior of our system in OpenVZ environment. In order to see it behavior, we periodically capture the content of /proc/bc/<veid>/ioacct file and try to interpret these indicators.

We are from of several problems :

+ What represent each counter(read, write, vfs_read, vfs_write,)?

+ What is the unit for each counter(Kb, Block, ...)?

Thank for your help,

Pat

NB : For instance, the first snapshot is :

090515_14h48m06	read	1081344
090515_14h48m06	write	684281856
090515_14h48m06	dirty	684572672
090515_14h48m06	cancel	37818368
090515_14h48m06	missed	0
090515_14h48m06	syncs_total	0
090515_14h48m06	fsyncs_total	46
090515_14h48m06	fdatasyncs_total	1
090515_14h48m06	range_syncs_total	0
090515_14h48m06	syncs_active	0
090515_14h48m06	fsyncs_active	0
090515_14h48m06	fdatasyncs_active	0
090515_14h48m06	range_syncs_active	0
090515_14h48m06	vfs_reads	4737583
090515_14h48m06	vfs_read_chars	576083171
090515_14h48m06	vfs_writes	281962
090515_14h48m06	vfs_write_chars	829761534
090515_14h48m06	io_pbs	71