Subject: OpenVZ and IOMeter issues
Posted by Tolwyn on Fri, 25 Sep 2009 11:00:36 GMT
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Hi,

I am running a research project at my university. Primary goal is the comparison of different virtualization systems (Hyper-V, OpenVZ, Xen and VmWare). For disk (iscsi) and network performance I am using a slightly modified IOMeter benchmark (client server modification to eliminate possible timing issues in the virtual machine). At any rate, IOMeter tries accessing "/proc/partitions", which fails for obvious reasons. Is there a way around this? I'd appreciate any help. Below is the full terminal output:

root@1234:/home/tests# ./dynamo -i 192.168.234.1 -n 1234 -m 192.168.234.5
Fail to open kstat device file. You can ignore this warning
unless you are running dynamo on XSCALE CPU.

Command line parameter(s):
   Looking for Iometer on "192.168.234.1"
   New manager name is "1234"

Sending login request...
   1234
   192.168.234.5 (port 45695)
Successful PortTCP::Connect
   - port name: 192.168.234.1

*** If dynamo and iometer hangs here, please make sure
*** you use a correct -m <manager_computer_name> that
*** can ping from iometer machine. use IP if need.
   Login accepted.
Reporting drive information...
Set_Sizes: Open on "/lib/init/rw/iobw.tst" failed (error Invalid argument).
Set_Sizes: Open on "/sys/iobw.tst" failed (error No such file or directory).
Set_Sizes: Open on "/var/run/iobw.tst" failed (error Invalid argument).
Set_Sizes: Open on "/var/lock/iobw.tst" failed (error Invalid argument).
Set_Sizes: Open on "/dev/iobw.tst" failed (error Invalid argument).
Set_Sizes: Open on "/dev/shm/iobw.tst" failed (error Invalid argument).
   Physical drives (raw devices)...
Open "/proc/partitions" failed (errno 2). Cannot locate physical disks.