
Subject: OpenVZ Kernel generally slow?

Posted by [disaster](#) on Thu, 05 Mar 2009 14:13:12 GMT

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Hi!

Is OpenVZ Kernel slow?

When i'm running unixbench-4.1.0-wht-2 on the Host Machine with a non OpenVZ 2.6.27.18 Vanilla Kernel i get the following results:

INDEX VALUES			
TEST	BASLINE	RESULT	INDEX
Dhrystone 2 using register variables	376783.7	50530575.6	1341.1
Double-Precision Whetstone	83.1	1674.4	201.5
Execl Throughput	188.3	25659.0	1362.7
File Copy 1024 bufsize 2000 maxblocks	2672.0	615188.0	2302.4
File Copy 256 bufsize 500 maxblocks	1077.0	196511.0	1824.6
File Read 4096 bufsize 8000 maxblocks	15382.0	1422019.0	924.5
Pipe Throughput	111814.6	11214912.1	1003.0
Pipe-based Context Switching	15448.6	2299837.1	1488.7
Process Creation	569.3	64781.5	1137.9
Shell Scripts (8 concurrent)	44.8	4974.5	1110.4
System Call Overhead	114433.5	17398060.3	1520.4
=====			
FINAL SCORE		1136.9	

When i install OpenVZ 2.6.18 or 2.6.26 Kernel and run WHT i get something like this:

INDEX VALUES			
TEST	BASLINE	RESULT	INDEX
Dhrystone 2 using register variables	376783.7	43674178.6	1159.1
Double-Precision Whetstone	83.1	1467.1	176.5
Execl Throughput	188.3	5866.4	311.5
File Copy 1024 bufsize 2000 maxblocks	2672.0	398961.0	1493.1
File Copy 256 bufsize 500 maxblocks	1077.0	207161.0	1923.5
File Read 4096 bufsize 8000 maxblocks	15382.0	1213218.0	788.7
Pipe Throughput	111814.6	10492852.7	938.4
Pipe-based Context Switching	15448.6	2225406.2	1440.5
Process Creation	569.3	13309.5	233.8
Shell Scripts (8 concurrent)	44.8	1571.6	350.8
System Call Overhead	114433.5	13993448.6	1222.8
=====			
FINAL SCORE		699.4	

Stefan
