
Subject: Getting WHT Benchmark to run on VE
Posted by [augustz](#) on Thu, 28 Sep 2006 20:23:14 GMT
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I'm looking to get the WHT Unixbench variant benchmark to run within a VE.

The benchmark is available here:

<http://members.dslextreme.com/users/andylee/unixbench-4.1.0-wht.tar.gz>

```
tar -zxvf
make
./Run
to get it going
```

I'm running it within a FC5 VE on the latest development openvz kernel (2.6.16-026test018).

I can get the benchmark to run succesfully on the HN, but not within the VE. Within the VE I simply get a zero set of results...

Anyone else feel like trying out this benchmark within their VE? This is a common benchmark to use for VPS's...

Subject: Re: Getting WHT Benchmark to run on VE
Posted by [Vasily Tarasov](#) on Fri, 29 Sep 2006 08:06:57 GMT
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Hello, I've just tried this benchmark at my node in VE:

```
[HN]# uname -r
2.6.16-026test018.1
[HN]# vzctl enter 92
entered into VPS 92
[VE]# cat /etc/redhat-release
Fedora Core release 5 (Bordeaux)
[VE]# cd /tmp/unixbench-4.1.0-wht/
[VE]# ./Run
# # # # # # ##### ##### # # ##### # #
# # ## # # # # # # # # # # # # # #
# # # # # # ## ##### ##### # # # # #####
# # # # # # ## # # # # # # # # # #
# # # ## # # # # # # # # # # # # #
##### # # # # # ##### ##### # # ##### # #
```

```
4      1      Based on the Byte Magazine Unix Benchmark
44     11
```

v v 4 4 1
v v 44444 1 v4.1 revisions mostly by David C. Niemi,
v 4 o 111 - WHT Reston, VA, USA <niemi@tux.org>

WHT Variant by Andy A. Lee <andylee@dslextreme.com>
See: <http://www.webhostingtalk.com/showthread.php?s=&threadid=306147>

- Dhrystone 2 using register variables 1 2
- Double-Precision Whetstone 1 2
- Execl Throughput 1
- Filesystem Throughput 1024 bufsize 2000 maxblocks 1
- Filesystem Throughput 256 bufsize 500 maxblocks 1
- Filesystem Throughput 4096 bufsize 8000 maxblocks 1
- Pipe Throughput 1 2
- Pipe-based Context Switching 1 2
- Process Creation 1
- System Call Overhead 1 2
- Shell Scripts (8 concurrent) 1

=====
BYTE UNIX Benchmarks (Version 4.1-wht)
System -- Linux hostname 2.6.16-026test018.1 #1 Tue Sep 19 13:40:28 MSD 2006 i686 i686 i386
GNU/Linux
simfs 696980 360712 53124 88% /

Start Benchmark Run: Fri Sep 29 01:06:00 MSD 2006
01:06:00 up 0 min, 0 users, load average: 0.14, 0.04, 0.01

End Benchmark Run: Fri Sep 29 01:17:12 MSD 2006
01:17:12 up 11 min, 0 users, load average: 8.07, 4.23, 2.09

TEST	INDEX VALUES	BASELINE	RESULT	INDEX
Dhrystone 2 using register variables		376783.7	1899104.5	50.4
Double-Precision Whetstone		83.1	406.3	48.9

Execl Throughput	188.3	223.5	11.9	
File Copy 1024 bufsize 2000 maxblocks		2672.0	12379.0	46.3
File Copy 256 bufsize 500 maxblocks		1077.0	3173.0	29.5
File Read 4096 bufsize 8000 maxblocks		15382.0	111651.0	72.6
Pipe Throughput	111814.6	90488.5	8.1	
Pipe-based Context Switching		15448.6	7148.2	4.6
Process Creation	569.3	407.4	7.2	
Shell Scripts (8 concurrent)	44.8	54.3	12.1	
System Call Overhead	114433.5	59126.5	5.2	
		=====		
FINAL SCORE			17.5	

So, it works for me. I suppose some specific configuration of your VE breaks test.

Subject: Re: Getting WHT Benchmark to run on VE
 Posted by [HaroldB](#) on Fri, 29 Sep 2006 08:18:48 GMT
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Try this and send us the results:

```
cat /proc/user_beancounters
#RUN APPLICATION
cat /proc/user_beancounters
```

Send us the output.