
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

INDEX VALUES			
TEST	BASLINE	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.