Subject: kvzstat - command line tool for measuring CPU and memory statistics
Posted by KoolK on Fri, 16 Nov 2007 19:48:52 GMT
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Hi all,

I have created a command line tool, which gives CPU and memory statistics for each VE in hardware node.It is available at

http://sourceforge.net/projects/kvzstat/

The output looks like:

CPU Usage:

VE ID	USer %	Nice %	System %	Idle %
2000	0.00	0.00	0.00	100.00
1001	99.49	0.00	0.51	0.00

Memory Usage:

VE ID	nonguar	guar	kernel	RAM	SWAP	used(%)	free(%)	failcount
2000	192.00MB	192.00MB	0.87MB	7.25MB	0.00MB	7.25MB(3.78%)	184.75MB(96.22%)	0
1001	192.00MB	192.00MB	0.95MB	7.34MB	0.00MB	7.34MB(3.82%)	184.66MB(96.18%)	0

Usage:
kvzstat -d delay -n iteration -f filename -v veid -m(for only memory) -c(for only cpu) -s (for summary)

Have a try and let me know what improvement can be done to make it more useful.

I wanted to add average cpu latency but I get all latency values in my /proc/vz/vestat file as 0. I am not able to find the way to get non zero values of latency and numscheud fields.

next thing which I have thought of is to integrate it with GNUPlot to give output in graph format.

All suggestions are welcome....

Thanks,
Khyati

Subject: Re: kvzstat - command line tool for measuring CPU and memory statistics
Posted by curx on Sat, 17 Nov 2007 10:29:04 GMT
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Hi,

on build some error occured, so fixed:

- removed the *.o and precombiled kvzstat on src code.
- fixed Makefile so make clean works

File Attachments

1) diff-kvzstat-20071117.patch, downloaded 417 times

Subject: Re: kvzstat - command line tool for measuring CPU and memory statistics
Posted by powervps on Wed, 12 Dec 2007 16:17:47 GMT
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Thx you how can run ?

Subject: Re: kvzstat - command line tool for measuring CPU and memory statistics
Posted by ugob on Wed, 12 Dec 2007 20:17:34 GMT
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Hi,

This sounds like a nice project .

A little bit of documentation would be appreciated...

When running the binary, I get this error:

./kvzstat: /lib/tls/libc.so.6: version `GLIBC_2.4' not found (required by ./kvzstat)

Assuming I must use "make" to compile, I removed the binary and ran 'make' and got this error message:

g++ -o kvzstat main.o VPS_cpuinfo.o VPS_meminfo.o
make: g++: Command not found
make: *** [kvzstat] Error 127

I tried to find where I could find g++, in vain.

Running CentOS4

Regards,
Ugo

Subject: Re: kvzstat - command line tool for measuring CPU and memory statistics
Posted by tomp on Wed, 12 Dec 2007 21:19:30 GMT
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Nice program

However in the fail count column it shows "202" for every VE, however only 1 VE has a total fail count of 202.