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Subject: load average: 0.50, 0.50, 0.38  
Posted by [powervps](#) on Sat, 08 Dec 2007 13:36:35 GMT  
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i have a server: Processor : 2 x Dual Processor Quad Core Xeon 5335 8 x 2.00 - real 16 G ram  
load average: 0.50, 0.50, 0.38  
and iam runing only one vps.  
what ican do ?

Quote:ONBOOT="yes"

```
# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="70:80"
NUMPROC="127:192"
NUMTCPSOCK="127:255"
NUMOTHERSOCK="255:300"
VMGUARPAGES="262144:2147483647"
# Secondary parameters
KMEMSIZE="9752512:9936012"
TCPSNDBUF="519488:924288"
TCPRCVBUF="519488:924288"
OTHERSOCKBUF="532096:936896"
DGRAMRCVBUF="332096:332096"
OOMGUARPAGES="6144:2147483647"
# Auxiliary parameters
LOCKEDPAGES="128:128"
SHMPAGES="8192:8192"
PRIVVMPAGES="384000:393212"
NUMFILE="3072:4096"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"
PHYSPAGES="0:2147483647"
NUMIPTENT="128:256"
# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="32048576:32153434"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="1000"
```

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Subject: Re: load average: 0.50, 0.50, 0.38  
Posted by [powervps](#) on Sun, 09 Dec 2007 00:51:24 GMT

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Quote:[root@vps ~]# free -m

	total	used	free	shared	buffers	cached
Mem:	16221	7455	8766	0	358	6298
-/+ buffers/cache:		798	15423			
Swap:	30718	0	30718			

and running only one vps

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Subject: Re: load average: 0.50, 0.50, 0.38

Posted by [ugob](#) on Sun, 09 Dec 2007 02:41:05 GMT

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What is the problem exactly?

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Subject: Re: load average: 0.50, 0.50, 0.38

Posted by [powervps](#) on Sun, 09 Dec 2007 02:47:56 GMT

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I am running only one vps and using of real ram 7BG LoLO

I want to know why using so much ram and the vps is only a root with out install any software.

is the problem from my ve-vps.1024.conf-sample

root@vps[/email] ~]# vzmemcheck -Av

Output values in Mbytes

veid	LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
	util	commit	util	util	commit	util	commit	limit
102	5.73	12.45	122.76	122.76	36.45	248.47	1036.45	1548.43

-----  
Summary: 5.73 12.45 122.76 122.76 36.45 248.47 1036.45 1548.43

1266.00 1266.00 16221.00 46939.00 46939.00 46939.00 46939.00 46939.00

[[email]root@vps[/email] ~]# vzcpucheck -v

VEID CPUUNITS

-----  
0 1000

102 1101

Current CPU utilization: 2101

Power of the node: 800016

[[email]root@vps[/email] ~]#

[root@vps ~]# vmstat -n 5 5

procs -----memory----- --swap-- -----io----- --system-- -----cpu-----

r b swpd free buff cache si so bi bo in cs us sy id wa

0 0 0 9393336 493668 6227852 0 0 17 86 130 45 1 1 98 0

```
[root@vps ~]# free -m
      total    used    free   shared  buffers   cached
Mem:    16221    7048    9172      0      482    6082
-/+ buffers/cache:    484    15737
Swap:    30718      0    30718
[root@vps ~]#
```

Quote:ONBOOT="no"

```
# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="70:80"
NUMPROC="127:192"
NUMTCPSOCK="127:255"
NUMOTHERSOCK="255:300"
VMGUARPAGES="131072:2147483647"
# Secondary parameters
KMEMSIZE="9752512:9936012"
TCPSNDBUF="519488:924288"
TCPRCVBUF="519488:924288"
OTHERSOCKBUF="532096:936896"
DGRAMRCVBUF="332096:332096"
OOMGUARPAGES="6144:2147483647"
# Auxiliary parameters
LOCKEDPAGES="128:128"
SHMPAGES="8192:8192"
PRIVVMPAGES="256000:262140"
NUMFILE="3072:4096"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"
PHYSPAGES="0:2147483647"
NUMIPTENT="128:256"
# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="50048576:50153434"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="1000"
```

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Subject: Re: load average: 0.50, 0.50, 0.38

Posted by [ugob](#) on Sun, 09 Dec 2007 04:39:39 GMT

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This is normal.

Please read this, it explains how linux uses memory.

[http://gentoo-wiki.com/FAQ\\_Linux\\_Memory\\_Management](http://gentoo-wiki.com/FAQ_Linux_Memory_Management)

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