
Subject: Re: high load spikes average of 80
Posted by [mora](#) on Sat, 07 Oct 2006 17:54:23 GMT
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here is the readings when the load is high

vzmemcheck -vA

Output values in Mbytes

veid	LowMem util	LowMem commit	RAM util	MemSwap commit	MemSwap util	MemSwap commit	Alloc limit	Alloc	Alloc
108	4.54	8332.65	118.61	190.95	8356.65	688.22	8356.65	8396940.65	
109	5.74	8237.28	254.52	318.75	8261.28	507.80	8261.28	8396845.28	

Summary: 10.28 16569.94 373.13 509.70 16617.94 1196.02 16617.94 16793785.93
326.00 326.00 976.00 4977.00 4977.00 4977.00 4977.00 4977.00

vzcpucheck -v

vpsid units

0 1000
109 100000
108 100000

Current CPU utilization: 201000

Power of the node: 319144

the top of thje hardware node says

- 13:56:34 up 23:48, 3 users, load average: 94.03, 93.03, 87.88
Tasks: 398 total, 63 running, 317 sleeping, 0 stopped, 18 zombie
Cpu(s): 41.3% us, 58.0% sy, 0.0% ni, 0.0% id, 0.0% wa, 0.3% hi, 0.3% si
Mem: 1000068k total, 942376k used, 57692k free, 20612k buffers
Swap: 4096532k total, 254020k used, 3842512k free, 357000k cached

the uptime for the second vps says

19:58:56 up 23:11, 0 users, load average: 32.91, 32.94, 30.75

the ps auxf for it says

9 ps auxf

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	0.0	0.0	1624	512	?	Ss	Oct06	0:00	init [3]
root	12057	0.0	0.0	1528	572	?	Ss	Oct06	0:00	syslogd -m 0

```

root 12133 0.0 0.0 1456 404 ? S Oct06 0:00 /usr/sbin/courierlogger
-pid=/var/spool/authdaemon/pid -facility=mail -start /usr/libexec/courier-authlib/authdaemond
root 12134 0.0 0.0 1800 480 ? S Oct06 0:00 \_
/usr/libexec/courier-authlib/authdaemond
root 12149 0.0 0.0 1800 580 ? S Oct06 0:00 \_
/usr/libexec/courier-authlib/authdaemond
root 5222 0.0 0.3 9828 3556 ? S 09:26 0:00 | \_ /etc/authlib/authProg
root 12150 0.0 0.0 1800 588 ? S Oct06 0:00 \_
/usr/libexec/courier-authlib/authdaemond
root 1951 0.0 0.3 9828 3352 ? S 13:23 0:00 | \_ /etc/authlib/authProg
root 12151 0.0 0.0 1800 552 ? S Oct06 0:00 \_
/usr/libexec/courier-authlib/authdaemond
root 1832 0.0 0.2 9828 2964 ? S 13:22 0:00 | \_ /etc/authlib/authProg
root 12153 0.0 0.0 1800 584 ? S Oct06 0:00 \_
/usr/libexec/courier-authlib/authdaemond
root 9266 0.0 0.6 9832 6932 ? S 18:41 0:00 | \_ /etc/authlib/authProg
root 12154 0.0 0.0 1800 532 ? S Oct06 0:00 \_
/usr/libexec/courier-authlib/authdaemond
nobody 12251 0.0 0.1 4356 1164 ? SLs Oct06 0:00 proftpd: (accepting connections)
root 17843 0.0 0.1 4016 1224 ? Ss Oct06 0:00 /usr/sbin/sshd
root 17905 0.0 0.2 9756 2536 ? S Oct06 0:01 chkserve
root 17916 0.0 0.0 1460 468 ? S Oct06 0:00 /usr/sbin/courierlogger
-pid=/var/run/imapd.pid -start -name=imapd /usr/lib/courier-imap/libexec/couriertcpd -address=0
-maxprocs=40 -maxperip=30 -nodnslookup -noidentlookup 143
/usr/lib/courier-imap/sbin/imaplogin /usr/lib/courier-imap/bin/imapd Maildir
root 17917 0.0 0.0 1568 484 ? S Oct06 0:00 \_
/usr/lib/courier-imap/libexec/couriertcpd -address=0 -maxprocs=40 -maxperip=30 -nodnslookup
-noidentlookup 143 /usr/lib/courier-imap/sbin/imaplogin /usr/lib/courier-imap/bin/imapd Maildir
root 17923 0.0 0.0 1452 340 ? S Oct06 0:00 /usr/sbin/courierlogger
-pid=/var/run/imapd-ssl.pid -start -name=imapd-ssl /usr/lib/courier-imap/libexec/couriertcpd
-address=0 -maxprocs=40 -maxperip=30 -nodnslookup -noidentlookup 993
/usr/lib/courier-imap/bin/couriertls -server -tcpd /usr/lib/courier-imap/sbin/imaplogin
/usr/lib/courier-imap/bin/imapd Maildir
root 17924 0.0 0.0 1560 404 ? S Oct06 0:00 \_
/usr/lib/courier-imap/libexec/couriertcpd -address=0 -maxprocs=40 -maxperip=30 -nodnslookup
-noidentlookup 993 /usr/lib/courier-imap/bin/couriertls -server -tcpd
/usr/lib/courier-imap/sbin/imaplogin /usr/lib/courier-imap/bin/imapd Maildir
root 17929 0.0 0.0 1452 464 ? S Oct06 0:00 /usr/sbin/courierlogger
-pid=/var/run/pop3d.pid -start -name=pop3d /usr/lib/courier-imap/libexec/couriertcpd -address=0
-maxprocs=40 -maxperip=30 -nodnslookup -noidentlookup 110
/usr/lib/courier-imap/sbin/pop3login /usr/lib/courier-imap/bin/pop3d Maildir
root 17930 0.0 0.0 1560 480 ? S Oct06 0:00 \_
/usr/lib/courier-imap/libexec/couriertcpd -address=0 -maxprocs=40 -maxperip=30 -nodnslookup
-noidentlookup 110 /usr/lib/courier-imap/sbin/pop3login /usr/lib/courier-imap/bin/pop3d Maildir
root 17936 0.0 0.0 1452 340 ? S Oct06 0:00 /usr/sbin/courierlogger
-pid=/var/run/pop3d-ssl.pid -start -name=pop3d-ssl /usr/lib/courier-imap/libexec/couriertcpd
-address=0 -maxprocs=40 -maxperip=30 -nodnslookup -noidentlookup 995
/usr/lib/courier-imap/bin/couriertls -server -tcpd /usr/lib/courier-imap/sbin/pop3login

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/usr/lib/courier-imap/bin/pop3d Maildir

root 17937 0.0 0.0 1560 404 ? S Oct06 0:00 _

/usr/lib/courier-imap/libexec/couriertcpd -address=0 -maxprocs=40 -maxperip=30 -nodnslookup
-noidentlookup 995 /usr/lib/courier-imap/bin/couriertls -server -tcpd

/usr/lib/courier-imap/sbin/pop3login /usr/lib/courier-imap/bin/pop3d Maildir

root 18105 0.0 0.3 9604 3520 ? Ss Oct06 0:10 /usr/local/apache/bin/httpd -DSSL

nobody	28001	0.1	1.1	17148	11988	?	S	13:50	0:40	_	/usr/local/apache/bin/httpd -DSSL
nobody	28002	0.2	1.2	17388	12116	?	S	13:50	0:45	_	/usr/local/apache/bin/httpd -DSSL
nobody	28003	0.1	1.2	17584	12456	?	S	13:50	0:40	_	/usr/local/apache/bin/httpd -DSSL
nobody	28004	0.1	1.2	17440	12276	?	S	13:50	0:37	_	/usr/local/apache/bin/httpd -DSSL
nobody	28005	0.1	1.2	16976	12024	?	S	13:50	0:36	_	/usr/local/apache/bin/httpd -DSSL
nobody	28007	0.1	1.1	17008	11844	?	S	13:50	0:37	_	/usr/local/apache/bin/httpd -DSSL
nobody	28008	0.1	1.2	17084	12152	?	S	13:50	0:28	_	/usr/local/apache/bin/httpd -DSSL
nobody	28009	0.2	1.2	17576	12580	?	S	13:50	0:52	_	/usr/local/apache/bin/httpd -DSSL
nobody	28015	0.1	1.2	17512	12440	?	S	13:50	0:41	_	/usr/local/apache/bin/httpd -DSSL
nobody	28016	0.1	1.2	17348	12056	?	S	13:50	0:41	_	/usr/local/apache/bin/httpd -DSSL
nobody	19766	0.2	1.2	17252	12440	?	S	17:58	0:16	_	/usr/local/apache/bin/httpd -DSSL
nobody	29910	0.0	0.8	13944	8792	?	S	19:09	0:01	_	/usr/local/apache/bin/httpd -DSSL
nobody	17544	0.0	0.8	13088	8004	?	S	19:42	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	24016	0.0	0.5	10944	5800	?	S	19:52	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	25795	0.1	0.8	13736	8528	?	S	19:54	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	26095	0.6	0.8	13924	8732	?	S	19:54	0:01	_	/usr/local/apache/bin/httpd -DSSL
nobody	27671	0.2	0.6	11644	6624	?	S	19:56	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27673	0.6	0.8	13808	8620	?	S	19:56	0:01	_	/usr/local/apache/bin/httpd -DSSL
nobody	27674	0.0	0.7	12336	7188	?	S	19:56	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27800	0.5	0.8	13928	8716	?	S	19:56	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27809	0.0	0.3	9604	3704	?	S	19:56	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27814	0.1	0.8	13604	8276	?	S	19:56	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27969	0.4	0.8	13804	8552	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27976	0.2	0.8	13356	8100	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27977	0.0	0.6	12120	6792	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27979	0.4	0.8	13888	8688	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27980	0.0	0.3	9604	3704	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27981	0.8	0.8	13740	8540	?	S	19:57	0:01	_	/usr/local/apache/bin/httpd -DSSL
nobody	27982	0.5	0.7	13096	7892	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27983	0.7	1.1	16880	11676	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27984	0.4	0.7	12564	7312	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27985	0.0	0.3	9612	3752	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27986	0.4	0.9	14332	9012	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	27988	0.2	0.6	11304	6216	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	28020	0.1	0.8	13436	8108	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	28021	0.0	0.3	9604	3712	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	28023	1.2	0.8	13968	8832	?	S	19:57	0:01	_	/usr/local/apache/bin/httpd -DSSL
nobody	28026	0.0	0.3	9604	3704	?	S	19:57	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	28078	0.3	0.0	0	0	?	Z	19:57	0:00	_	[httpd] <defunct>
nobody	28344	0.0	0.3	9604	3704	?	S	19:58	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	28350	0.3	0.8	13488	8208	?	S	19:58	0:00	_	/usr/local/apache/bin/httpd -DSSL
nobody	28351	0.8	0.8	14156	8904	?	S	19:58	0:00	_	/usr/local/apache/bin/httpd -DSSL

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nobody 28359 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28360 0.2 0.6 11620 6440 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28361 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28363 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28370 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28371 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28372 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28373 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28374 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28375 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28385 0.6 0.6 11300 6148 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28387 0.0 0.3 9712 3788 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28395 0.5 0.6 11300 6140 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28398 0.0 0.3 9908 3856 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28399 0.0 0.3 9604 3704 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
nobody 28400 0.6 0.8 13744 8476 ? S 19:58 0:00 \_ /usr/local/apache/bin/httpd -DSSL
root 18125 0.0 0.0 2472 692 ? Ss Oct06 0:00 crond
root 18182 0.0 0.1 30368 1644 ? Sl Oct06 0:00 ./sc_serv
root 18183 0.0 0.0 30208 724 ? Sl Oct06 0:00 ./sc_serv
root 18335 0.0 0.0 1480 416 ? Ss Oct06 0:00 /usr/sbin/portsentry -tcp
root 3424 0.0 0.2 6916 2564 ? S Oct06 0:00 cpbandwd
root 8156 0.0 0.0 2148 964 ? S 14:41 0:00 /bin/sh /usr/bin/mysqld_safe
--datadir=/var/lib/mysql --pid-file=/var/lib/mysql/server.epouro.com.pid
mysql 8186 0.0 3.1 121292 31288 ? Sl 14:41 0:00 \_ /usr/sbin/mysqld --basedir=/
--datadir=/var/lib/mysql --user=mysql --pid-file=/var/lib/mysql/server.epouro.com.pid
--skip-external-locking
named 19744 0.0 0.2 39424 2404 ? Ssl 14:57 0:00 /usr/sbin/named -u named
root 28406 0.0 1.0 17316 10280 ? S 17:45 0:00 cpsrvd - waiting for connections
root 27524 0.0 0.0 2300 816 ? Rs 19:59 0:00 ps auxf

```

the uptime for the first vps

19:58:43 up 23:06, 0 users, load average: 0.00, 0.04, 0.02