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Subject: Re: SSH stop responding on host node  
Posted by [stec](#) on Thu, 14 Dec 2006 10:00:13 GMT  
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Dear Rick,

Here is an excerpt of my logs. I have remove many "fopen: Too many open files in system". Note that I have tried to connect using ssh before and after shutting down the VEs.

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Dec 13 21:24:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:24:25 ns22021 Neighbour table overflow.
Dec 13 21:25:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:25:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:25:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:26:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:26:21 ns22021 IPv6 addrconf: prefix with wrong length 56
Dec 13 21:27:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:28:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:29:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:29:36 ns22021 IPv6 addrconf: prefix with wrong length 56
Dec 13 21:30:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:30:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:30:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:30:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:31:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:32:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:32:29 ns22021 IPv6 addrconf: prefix with wrong length 56
Dec 13 21:33:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:34:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:35:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:35:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:35:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:35:28 ns22021 VPS: 18639: stopped
Dec 13 21:35:38 ns22021 IPv6 addrconf: prefix with wrong length 56
Dec 13 21:35:52 ns22021 VPS: 18638: stopped
Dec 13 21:36:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:37:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:38:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:38:01 ns22021 Uncharging too much 2220 h 1368, res othersockbuf ub 18637
Dec 13 21:38:01 ns22021 Uncharging too much 2220 h 0, res othersockbuf ub 18637
Dec 13 21:38:01 ns22021 Uncharging too much 2220 h 0, res othersockbuf ub 18637
Dec 13 21:38:01 ns22021 Uncharging too much 2220 h 0, res othersockbuf ub 18637
Dec 13 21:38:01 ns22021 Uncharging too much 2220 h 0, res othersockbuf ub 18637
Dec 13 21:38:01 ns22021 Uncharging too much 2220 h 0, res othersockbuf ub 18637
Dec 13 21:38:07 ns22021 VPS: 18637: stopped
Dec 13 21:38:11 ns22021 IPv6 addrconf: prefix with wrong length 56Dec 13 21:38:26 ns22021
VPS: 18636: stopped
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Dec 13 21:38:31 ns22021 Fatal resource shortage: kmemsize, UB 0.
Dec 13 21:38:31 ns22021 sshd[3014]: error: fork: Cannot allocate memory
Dec 13 21:38:35 ns22021 Fatal resource shortage: kmemsize, UB 0.
Dec 13 21:38:35 ns22021 sshd[3014]: error: fork: Cannot allocate memory
Dec 13 21:38:36 ns22021 Fatal resource shortage: kmemsize, UB 0.
Dec 13 21:38:36 ns22021 sshd[3014]: error: fork: Cannot allocate memory
Dec 13 21:38:37 ns22021 Fatal resource shortage: kmemsize, UB 0.
Dec 13 21:38:37 ns22021 sshd[3014]: error: fork: Cannot allocate memory
Dec 13 21:39:01 ns22021 cron[8714]: (CRON) error (can't fork)
Dec 13 21:39:16 ns22021 Ub 18636 helds 13320 in tcpsndbuf on put

```

Here is the beancounters as of now. Of course, I cannot produce those when the issue occurs since I cannot ssh anymore.

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt	
0:	kmemsize	109296870	109841586	2147483647	2147483647		0
	lockedpages	0	0	2147483647	2147483647	0	
	privvmpages	3262	14897	2147483647	2147483647	0	
	shmpages	679	695	2147483647	2147483647	0	
	dummy	0	0	2147483647	2147483647	0	
	numproc	61	82	2147483647	2147483647	0	
	physpages	1560	6760	2147483647	2147483647	0	
	vmguarpages	0	0	2147483647	2147483647	0	
	oomguarpages	1560	6760	2147483647	2147483647	0	
	numtcpsock	3	5	2147483647	2147483647	0	
	numflock	1	2	2147483647	2147483647	0	
	numpty	1	1	2147483647	2147483647	0	
	numsiginfo	0	2	2147483647	2147483647	0	
	tcpsndbuf	31080	35520	2147483647	2147483647	0	
	tcprcvbuf	87564	87564	2147483647	2147483647	0	
	othersockbuf	11100	16224	2147483647	2147483647	0	
	dgramrcvbuf	0	8364	2147483647	2147483647	0	
	numothersock	23	27	2147483647	2147483647	0	
	dcachesize	0	0	2147483647	2147483647	0	
	numfile	525860	526009	2147483647	2147483647	0	
	dummy	0	0	2147483647	2147483647	0	
	dummy	0	0	2147483647	2147483647	0	
	dummy	0	0	2147483647	2147483647	0	
	numiptent	0	0	2147483647	2147483647	0	
18636:	kmemsize	2162620	2702410	18486804	20335484		0
	lockedpages	0	0	902	902	0	
	privvmpages	63043	69808	152556	167811	0	
	shmpages	14	350	15255	15255	0	
	dummy	0	0	0	0	0	
	numproc	46	58	800	800	0	
	physpages	39341	42286	0	2147483647	0	

vmguarpages	0	0	152556	2147483647	0	
oomguarpages	39341	42286	152556	2147483647		0
numtcpsock	7	19	800	800	0	
numflock	6	7	720	792	0	
numpty	0	0	80	80	0	
numsignifo	0	2	1024	1024	0	
tcpsndbuf	62160	417360	2885468	6162268		0
tcprcvbuf	114688	147456	2885468	6162268		0
othersockbuf	133012	376720	1442734	4719534		0
dgramrcvbuf	0	4268	1442734	1442734		0
numothersock	95	100	800	800	0	
dcachesize	0	0	4026407	4147200		0
numfile	1339	1736	7200	7200	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	0	0	200	200	0	
18637: kmemsize	890020	1425116	18486804	20335484		0
lockedpages	0	0	902	902	0	
privvmpages	12696	19885	152556	167811		0
shmpages	14	350	15255	15255	0	
dummy	0	0	0	0	0	
numproc	18	31	800	800	0	
physpages	3081	6911	0	2147483647		0
vmguarpages	0	0	152556	2147483647		0
oomguarpages	3081	6911	152556	2147483647		0
numtcpsock	11	25	800	800	0	
numflock	2	3	720	792	0	
numpty	0	0	80	80	0	
numsignifo	0	2	1024	1024	0	
tcpsndbuf	97680	426240	2885468	6162268		0
tcprcvbuf	180224	368984	2885468	6162268		0
othersockbuf	15540	19128	1442734	4719534		0
dgramrcvbuf	0	606056	1442734	1442734		0
numothersock	7	11	800	800	0	
dcachesize	0	0	4026407	4147200		0
numfile	619	820	7200	7200	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	0	0	200	200	0	
18638: kmemsize	454989	1046206	18486804	20335484		0
lockedpages	0	0	902	902	0	
privvmpages	1253	8677	152556	167811		0
shmpages	0	336	15255	15255	0	
dummy	0	0	0	0	0	
numproc	8	20	800	800	0	
physpages	837	1734	0	2147483647		0

vmguarpages	0	0	152556	2147483647	0
oomguarpages	837	1734	152556	2147483647	0
numtcpsock	4	6	800	800	0
numflock	2	3	720	792	0
numpty	0	0	80	80	0
numsiginfo	0	2	1024	1024	0
tcpsndbuf	35520	35520	2885468	6162268	0
tcprcvbuf	65536	65536	2885468	6162268	0
othersockbuf	86580	90168	1442734	4719534	0
dgramrcvbuf	0	8536	1442734	1442734	0
numothersock	41	45	800	800	0
dcachesize	0	0	4026407	4147200	0
numfile	255	473	7200	7200	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	0	0	200	200	0
18639: kmemsize	260964	857866	18486804	20335484	0
lockedpages	0	0	902	902	0
privvmpages	709	7954	152556	167811	0
shmpages	0	336	15255	15255	0
dummy	0	0	0	0	0
numproc	5	18	800	800	0
physpages	414	1234	0	2147483647	0
vmguarpages	0	0	152556	2147483647	0
oomguarpages	414	1234	152556	2147483647	0
numtcpsock	2	4	800	800	0
numflock	2	3	720	792	0
numpty	0	0	80	80	0
numsiginfo	0	2	1024	1024	0
tcpsndbuf	17760	17760	2885468	6162268	0
tcprcvbuf	32768	32768	2885468	6162268	0
othersockbuf	2220	5808	1442734	4719534	0
dgramrcvbuf	0	4268	1442734	1442734	0
numothersock	1	5	800	800	0
dcachesize	0	0	4026407	4147200	0
numfile	122	382	7200	7200	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	0	0	200	200	0

Hope this helps diagnosing better.

Denis

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