Subject: VPS with huge server load
Posted by crux on Sat, 05 Jul 2008 23:28:11 GMT
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hi!

I have a huge page in a VPS

at the weekends, the server get huuuuuuuuuuuuuge server load all the time. and I dont know what limits I should set in 103.conf

check my /proc/user_beancounters

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
103:	kmemsize	34227907	36289650	2147483647	2147483647	0
	lockedpages	0	8	2147483647	2147483647	0
	privvmpages	255750	309074	2147483647	2147483647	0
	shmpages	2564	9808	2147483647	2147483647	0
	dummy	0	0	0	0	0
	numproc	437	445	2147483647	2147483647	0
	physpages	138321	177744	2147483647	2147483647	0
	vmguarpages	0	0	2147483647	2147483647	0
	oomguarpages	138321	177744	2147483647	2147483647	0
	numtcpsock	282	345	2147483647	2147483647	0
	numflock	135	143	2147483647	2147483647	0
	numpty	0	0	2147483647	2147483647	0
	numsiginfo	59	281	2147483647	2147483647	0
	tcpsndbuf	3019896	3782400	2147483647	2147483647	0
	tcprcvbuf	4620288	5644840	2147483647	2147483647	0
	othersockbuf	168680	382072	2147483647	2147483647	0
	dgramrcvbuf	0	27840	2147483647	2147483647	0
	numothersock	202	254	2147483647	2147483647	0
	dcachesize	0	0	2147483647	2147483647	0
	numfile	15564	16617	2147483647	2147483647	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	10	45	2147483647	2147483647	0

The server is:
AMD Athlon(tm) 64 X2 Dual Core Processor 6000+
6GB RAM

I would appreciate some advices

Subject: Re: VPS with huge server load
Posted by adeeln on Thu, 10 Jul 2008 00:24:36 GMT
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Setting the resources for a VE is more of an art than a science, as it depends entirely upon what services you're running in the VE. If you don't expect the machine to exceed the current maxheld values, then you can set your resources a little higher than the maxheld values. If you need a large dynamic range, there's no harm in giving it, as OpenVZ only allocates resources when they're used, otherwise they're available for other uses. These limits are a resource gaurentee, so when the system is under load, each VE will still receive their listed amount. Now if they aren't set properly, the VE's can suffer (same with the HN). The wiki has a lot of information on the UBC's and different ways to split the resources, but the great thing is that you can always fine tune a value later on without having to restart or anything, and it can be a temporary change or a permanent one.