Subject: *SOLVED* Unable to fork: Cannot allocate memory
Posted by optize on Sun, 17 Dec 2006 20:55:09 GMT
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When I attempt to vzctl enter ###, I get the error "Unable to fork: Cannot allocate memory"

I ran a top and I'm not maxing out memory and nothing in swap is being used.

Any ideas?

Subject: Re: Unable to fork: Cannot allocate memory
Posted by rickb on Sun, 17 Dec 2006 20:58:05 GMT
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cat /proc/user_beancounters

paste it here and we will show you which resource is being exhausted. read the UBC page in the wiki in the meantime.

Subject: Re: Unable to fork: Cannot allocate memory
Posted by optize on Sun, 17 Dec 2006 21:24:17 GMT
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http://pastebin.ca/282774

I pasted it there

Subject: Re: Unable to fork: Cannot allocate memory
Posted by rickb on Sun, 17 Dec 2006 21:55:50 GMT
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In your UBC, kmemsize has failcnts for veid 1200. To raise this metric limit:

vzctl set 1200 --kmemsize 12752512:12752512 --save; vzctl restart 1200

Basically, your resource limits are too low for your applications' demands. This will fix that, at least on this resource, kernel memory.

Hope this helps.

Rick

Subject: Re: Unable to fork: Cannot allocate memory
Posted by optize on Sun, 17 Dec 2006 21:59:58 GMT
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Interesting -- that was the VPS I was trying to get into which gave me that error.

I find it weird that it ran out of memory, it should have 128 of memory and up to a gig of burst and there's nothing but a small postfix server running on it.

Very odd.

Thanks though

Subject: Re: Unable to fork: Cannot allocate memory
Posted by rickb on Sun, 17 Dec 2006 23:02:52 GMT
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Read the UBC page as I suggested in my initial reply. You are exhausting kernel memory, which is different then 128MB/1GB burst.