Subject: High Swap Load
Posted by Sebastian Bachmann on Fri, 12 Aug 2011 07:56:56 GMT
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We have a really weird problem with one of our OpenVZ Hosts. Sometimes the swap is filled with arround of 2GB of Data, this causes that high load that the server is not available... The really weird thing is that the memory is not completly used! we have 8GB of RAM installed but only 3,5GB are really used (1,7G buffered and 2G cached) - that means there are still arround 0,6GB of free mem and the cached mem can also be used, so why the server should swap???

My theroy is that a single VZ doesnt have set enouth RAM to use and if its full the complete VZ is swapped, this could be possible because we have 2 VZs which are allowed to use 2GB of Memory. The other theory is that both VZs (or some more) need some memory at the same time and then we dont have enough RAM free...

We set in /etc/sysctl.conf vm.swappiness=1 but still no change...

May someone had the same issue and can help us.

thanks and greetings!

sebastian

Subject: RE: High Swap Load
Posted by CM [Sprintserve.net] on Fri, 12 Aug 2011 08:28:06 GMT
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-----Original Message-----
From: users-bounces@openvz.org [mailto:users-bounces@openvz.org] On Behalf Of Sebastian Bachmann
Sent: Friday, 12 August, 2011 3:57 PM
To: Users@openvz.org
Subject: [Users] High Swap Load

We have a really weird problem with one of our OpenVZ Hosts. Sometimes the swap is filled with arround of 2GB of Data, this causes that high load that the server is not available... The really weird thing is that the memory is not completly used! we have 8GB of RAM installed but only 3,5GB are really used (1,7G buffered and 2G cached) - that means there are still arround 0,6GB of free mem and the cached mem can also be used, so why the server should swap???

Are you running 32bit OS? If yes, what kernel are you using? Make sure you are using one with PAE enabled.

regards
CM

Subject: Re: High Swap Load
Posted by Einar S. Ids on Fri, 12 Aug 2011 08:30:33 GMT
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On Fri, Aug 12, 2011 at 9:56 AM, Sebastian Bachmann <me@free-minds.net> wrote:
> the server is not available... The really weird thing is that the memory is
> not completly used! we have 8GB of RAM installed but only 3,5GB are really
> used (1,7G buffered and 2G cached) - that means there are still arround
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> should swap???

Hi Sebastian,

Is the host 32-bit? If yes, then perhaps this applies to you?
 http://wiki.openvz.org/Different_kernel_flavors_%28UP,_SMP,_
ENTERPRISE,_ENTNOSPLIT%29

Cheers,
Einar

Subject: RE: High Swap Load
Posted by Sebastian Bachmann on Fri, 12 Aug 2011 08:34:40 GMT
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hi,

On Fri, 12 Aug 2011 16:28:06 +0800, "CM [Sprintserve.net]"
<silver@sprintserve.net> wrote:
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nope we are running currently under Linux 2.6.32-5-openvz-amd64 #1 SMP Wed
Jan 12 04:22:50 UTC 2011 x86_64 GNU/Linux

Subject: RE: High Swap Load
Posted by Esm on Tue, 01 May 2012 12:23:17 GMT
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Hi Sebastian,

I just have the same kind of situation over here. Did you find a solution and would you maybe so kind to share it with us if you did?

Thank you very much!

Kind Regards,

E. de Wolf

-----Oorspronkelijk bericht-----
Van: users-bounces@openvz.org [mailto:users-bounces@openvz.org] Namens Sebastian
Bachmann
Verzonden: vrijdag 12 augustus 2011 10:35
Aan: silver@sprintserve.net; users@openvz.org
Onderwerp: RE: [Users] High Swap Load

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