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Subject: How to clear cache memory on openvz container ?

Posted by [chaitanya](#) on Thu, 05 Apr 2018 17:26:19 GMT

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We have OpenVZ container.

We are unable to clear cache memory on container.

Below are the outputs of respective commands

Scenario : High memory is consumed by buff/cache so that free memory becomes 0 and it affects applications to get freeze . Our single container contains cassandra(16GB) , elasticsearch(24GB) , apache and activemq(8GB).

I have 2 questions :

- 1) How to clear cache memory on openvz container ?
- 2) How to restrict buff/cache memory from consuming high memory on openvz container.
- 3) How to protect free memory on container to go down to 0 ?

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root@unmanaged:~# free -m

	total	used	free	shared	buff/cache	available
Mem:	65536	****	0	*****	35164	*****
Swap:	0	0	0			

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root@unmanaged:~# sync; echo 3 > /proc/sys/vm/drop\_caches && sync; echo 2 > /proc/sys/vm/drop\_caches && sync; echo 1 > /proc/sys/vm/drop\_caches  
-su: /proc/sys/vm/drop\_caches: Permission denied  
-su: /proc/sys/vm/drop\_caches: Permission denied  
-su: /proc/sys/vm/drop\_caches: Permission denied

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root@unmanaged:~# uname -r  
2.6.32-042stab127.2

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root@unmanaged:~# systemd-detect-virt  
openvz

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Please provide us the solution ASAP.

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Subject: Re: How to clear cache memory on openvz container ?

Posted by [vzadmin](#) on Wed, 08 Jul 2020 06:06:29 GMT

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This is very informative and i'm going to bookmark it, thanks

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