Subject: swap/mem
Posted by bindto on Sat, 03 Apr 2010 13:05:05 GMT
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resource held maxheld barrier limit failcnt
kmemsize 9138939 20530451 40480000 2147483647 6146
privvmpages 38883 79332 524288 549888 0
physpages 9890 36648 2147483647 2147483647 0
vmguarpages 0 0 262144 2147483647 0
oomguarpages 9890 36649 2147483647 2147483647 0

Linux 2.6.18-164.11.1.el5.028stab068.3ent RHEL5

Subject: Re: swap/mem
Posted by RXL_ on Sat, 03 Apr 2010 18:40:53 GMT
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Quote:
--kmemsize bytes[:bytes]
Maximum amount of kernel memory used. This parameter is related to --numproc. Each process consumes certain amount of kernel memory - 16 KB at leas, 30-50 KB typically. Very large processes may consume a bit more. It is important to have a certain safety gap between the barrier and the limit of this parameter: equal barrier and limit may lead to the situation where the kernel will need to kill container's applications to keep the kmemsize usage under the limit.

http://wiki.openvz.org/UBC_secondary_parameters#kmemsize

Subject: Re: swap/mem

Posted by bindto on Sat, 03 Apr 2010 19:40:03 GMT
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KMEMSIZE="40480000:2147483647"

Subject: Re: swap/mem
Posted by RXL_ on Sat, 03 Apr 2010 20:47:30 GMT
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Subject: Re: swap/mem
Posted by gralex on Sun, 04 Apr 2010 06:34:48 GMT
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Subject: Re: swap/mem
Posted by RXL_ on Sun, 04 Apr 2010 07:41:08 GMT
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Subject: Re: swap/mem
Posted by bindto on Sun, 04 Apr 2010 08:53:43 GMT
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oomguarpages 9890 36649 2147483647 2147483647 0

Subject: Re: swap/mem
Posted by RXL_ on Sun, 04 Apr 2010 14:02:42 GMT
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Subject: Re: swap/mem
Posted by kir on Mon, 05 Apr 2010 11:03:50 GMT
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http://wiki.openvz.org/UBC

Subject: Re: swap/mem

Posted by gralex on Mon, 05 Apr 2010 11:14:13 GMT
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http://wiki.openvz.org/Swappages#swappages

Quote:swappages is only available in RHEL5-based kernel since version 028stab060.2, in 2.6.27 since kiprensky.

Subject: Re: swap/mem
Posted by kir on Mon, 05 Apr 2010 12:54:43 GMT
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Subject: Re: swap/mem
Posted by kir on Mon, 05 Apr 2010 13:00:09 GMT
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Subject: Re: swap/mem
Posted by bindto on Mon, 05 Apr 2010 18:56:23 GMT
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http://wiki.openvz.org/UBC_parameters

RXL_ wrote on Sun, 04 April 2010 10:02

RXL_ wrote on Sun, 04 April 2010 10:02

Subject: Re: swap/mem
Posted by bindto on Mon, 05 Apr 2010 19:19:24 GMT
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free
Swap: 0 0 0

swappages 0 1 2147483647 147483647 0

Subject: Re: swap/mem
Posted by andreyb on Sun, 09 May 2010 12:49:31 GMT
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/proc/bc/resources

Quote:free
Swap: 0 0 0

If the limit is set to MAX_ULONG (which is the in-kernel default for this parameter), all the swap space values parameters (total, used, free) are reported as 0.