
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 least, 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.
