Subject: HN beancounters and system memory.
Posted by glic3rinu on Wed, 27 Jan 2010 06:24:16 GMT
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Hi!

I know that, by default, command 'free' inside a container returns all memory usage including buffers and cache. But what happens in the CT0 (also known as Hardware Node)? I'm asking because the results of the command 'free' in the CT0 are a bit different from results returned by vzcheckmem + CT0 usage

For example.

vzmemcheck -vA reports that I have 2418.08MB of RAM utilization. To know the total RAM utilization of the whole system I need to add to this value the CT0 RAM util. At this moment my CT0 takes 220.36MB of RAM util[1]. In total I have 2638.44MB of RAM util. but free command reports something different: 3337.99MB (without buffers and caches). What is the cause of this difference? what are these uncounted 699MB?

Thank you very much!!
Marc

[1]I get this result using this information:
http://wiki.openvz.org/UBC_systemwide_configuration#Total_RA M
I can guaranty that 220.36MB is the correct value for my CT0 RAM utilization, unless the way for counting RAM util is different for the CT0.