Subject: Monitoring VE's - Load is important?
Posted by grep on Tue, 19 Nov 2013 22:18:30 GMT
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Hello,

i have a really simple question.

I written a bash script which get from all nodes vzlist -o veid,laverage and report if a VE has too much load.

But: When i already limit the CPU usage of the VE's to 10% i think the load is not meaningful about overloading the node, correct? It just say that the CPU which is dedicated to the ve is overloaded but not the node?

If the VE has a load of 10, get the load of the node increased by the node because there is a large cpu queue of one ve or does this not increase the node load?

And i think if the load on the node get higher trough the high load on the node it not must say automatically that the node is overloaded. The important value is the CPU usage of the node, is this correct?

So if load on node is 20 because one VE is overloaded and the used cpu is only 15%, then nothing is overloaded, right?

Is there a option to get a value how much % of cpu the VE takes from the node? in user_beancounters is no such value.

I am happy about a detailed answer. Thanks a lot!

Subject: Re: Monitoring VE's - Load is important?
Posted by grep on Wed, 27 Nov 2013 22:37:23 GMT
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push, sorry

Subject: Re: Monitoring VE's - Load is important?
Posted by xaxaxa on Thu, 28 Nov 2013 06:50:13 GMT
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from my experience load avg means nothing; if i run a fork bomb in a container, the load average on the host quickly shoots up to thousands, even if i've only assigned one cpu core to the container (and cpu usage on the host is 25% on a quad core system)

personally i think the best way to detect "overload" is by "pinging" a service you're running, and

measure latency (for example send an http request)