Subject: snmp monitoring of Virtual Hosts via Physical Node?
Posted by tchipman on Sun, 27 Aug 2006 16:33:02 GMT
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Possibly an absurd question: Is there any "straightfoward" way to be able to poll the physical node via SNMP to get some characteristics about the VirtualHosts running therein?

ie, I would love to be able to log via Cacti/SNMP ...

-CPU utilization / Load average, Memory & Network utilization for each / all virtual nodes running .. simply by polling the physical node itself.

I suspect most of this info is available via the /proc tree of the physical node .. but I'm not sure how to bridge this info over to SNMP Pollable content. (Possibly would require using the net-snmp perl module for example?)

I suppose I could always run net-snmp inside each virtual node and poll info directly, but that seems somewhat absurd.

Any comments are appreciated...

--Tim

Subject: Re: snmp monitoring of Virtual Hosts via Physical Node?
Posted by curx on Mon, 28 Aug 2006 19:34:44 GMT
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Hi,

thoughts:
install the a snmp daemon! on the hwnode, (like that one http://net-snmp.sourceforge.net/ or a snmpd, provided by your distro),
and write a (sh|perl|php|or_other_lang)script, which print the information out of the ve's /proc or other info src (i.e. with vzctl exec <veid> 'grep venet0 /proc/net/dev' - for the veid's network-traffic)
When walk through MIB, the script is executed and print out the information.

You can read more in the snmpd.conf under "Executables/scripts"