Subject: Guaranteed CPU shares?
Posted by laotse on Mon, 27 Jul 2009 13:05:43 GMT

I must admit that I've never had to hunt down particular performace straits before, so I'm very much a newbie on this.

I have an Asterisk running in a VE running on a Quad Core Node. Yesterday, I setup a kvm to test my changes to vzdump . In phases with high virtual network traffic, the VoIP Quality went down drastically.

The network traffic went from the kvm through a bridge into veth to the OpenVZ VE hosting the apt-proxy. So no physical network traffic.

The VoIP traffic runs from the phone through eth0 into the veth of the VE into Asterisk, which uses chan_capi on an active card to connect to ISDN. So the net CPU load would be transcoding VoIP to ulaw (or whatever chan_capi is fed with).

I'm actually not sure whether the bottleneck is in the firewall on the HW node, collisions in veth, etc. or if in the end the Asterisk VE does not get enough CPU.

Could anyone give me some idea, how to tackle down the issue?

Regards,
 - lars.