
Subject: Load Balancing of OpenVZ VEs with LVS and Heartbeat

Posted by [rmello](#) on Tue, 23 Oct 2007 03:52:28 GMT

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Greetings,

I am trying to set up some web server instances in OpenVZ VEs that would be load balanced using the Linux Virtual Server (LVS) tools, such as ipvsadm and heartbeat.

I have found a few HOWTOs for setting things up, but none that talks about the specifics of OpenVZ. Has anyone done that? If not, I would be willing to contribute what I have learned to the Wiki for the benefit of others, but first I need help figuring a few things out.

At first I tried setting up the LVS tools with keepalived. I was unsuccessful at that. I now am trying to set it up with heartbeat. I think I just came across the reason why my keepalived attempt didn't work.

With both keepalived and heartbeat, you're supposed to set the load balanced machine's default route to the load balancer's IP address, because it rewrites the packets as they come in, in order to distribute the load between different machines (or "real servers" in LVS parlance)

Am I correct to assume that I would need to use VETH devices, instead of venet? Is http://wiki.openvz.org/Using_private_IPs_for_Hardware_Nodes what I should follow?

Any other information would be welcome.

Thanks in advance,

-Roberto
