Subject: Re: OpenVZ, Bind and stalling TCP connections.
Posted by maratrus on Fri, 26 Sep 2008 11:03:40 GMT

Hi,

here is the note I was suggested to pay your attention to:

your server sent the SYN,ACK packet with the same ISN twice.
Quote:

10:22:06.784637 IP CLIENT.56555 > SERVER.53: S 259415162:259415162(0) win 5840 <mss 1460,sackOK,timestamp 2309875204 0,nop,wscale 7>

HERE >>>>>10:22:06.784694 IP SERVER.53 > CLIENT.56555: S 3981433138:3981433138(0) ack 259415163 win 5792 <mss 1460,sackOK,timestamp 72583240 2309875204,nop,wscale 4>

10:22:06.784876 IP CLIENT.56555 > SERVER.53: . ack 1 win 46 <nop,nop,timestamp 2309875204 72583240>
....
HERE >>>>>10:22:10.311252 IP SERVER.53 > CLIENT.56555: S 3981433138:3981433138(0) ack 259415163 win 5792 <mss 1460,sackOK,timestamp 72586767 2309878220,nop,wscale 4>
10:22:10.311502 IP CLIENT.56555 > SERVER.53: . ack 1 win 46 <nop,nop,timestamp 2309878730 72586767,nop,nop,sack 1 {0:1}>

So, we can deduced that the following packet didn't receive your server.
Quote:

10:22:06.784876 IP CLIENT.56555 > SERVER.53: . ack 1 win 46 <nop,nop,timestamp 2309875204 72583240>

So, could you please tcpdump connections at four places simultaneously:

- on client side (common network device)
- on the HN (common network device)
- on the HN (appropriate veth/venet device)
- indide the VE (appropriate net device)

And also please check your netfilters

By the way, was your tcpdump output from the first post done from inside the VE or from where?