Subject: apache2 stall in CLOSE_WAIT state
Posted by Yoann Moulin on Mon, 23 Jun 2008 10:13:04 GMT
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Hi,

I have a VE in production for a couple of months. HN and VE are running Ubuntu Dapper 6.06.2 LTS

> vz01:~$ uname -a
> Linux vz01 2.6.18-028stab053 #1 SMP Tue May 27 15:40:07 CEST 2008 x86_64 GNU/Linux
> vz01:~$ vzctl --version
> vzctl version 3.0.22

This VE is only used for http(s) services. Everything have worked well until this week end where we got apache process stalled on CLOSE_WAIT state and no more process are available to deliver pages

We get this in logs :

> server reached MaxClients setting, consider raising the MaxClients setting

If I set MaxClients to a higher value, that is just delaying the moment where apache fall in a stalled state.

I gave a look into user beancounter but no hard limit or barrier limit was reached when it occurred.

since it's a production server I can't "play" too much with. I don't know if it's a fully openvz related but I restarted the server on a physical blade and the problem has been fixed.

For now, the server is running on a physical blade, but I can reboot it as a VE server to do some test.

The server is behind a reverse proxy cluster (lighthttp) but nothing has been change on those servers for a couple of weeks.

Note : In our architecture, each physical or virtual server is format after each reboot and populated with a clear boot image. After that, we are using cfengine to apply the right configuration function of the name of the server. I can boot a server on a physical or a virtual server with exactly the same configuration even if specific openvz configuration (such as not start ntp server for example).

> ii apache2 2.0.55-4ubuntu2.3 next generation, scalable, extendable web se
> ii apache2-common 2.0.55-4ubuntu2.3 next generation, scalable, extendable web se

> ii apache2-mpm-prefork 2.0.55-4ubuntu2.3 traditional model for Apache2
> ii apache2-utils 2.0.55-4ubuntu2.3 utility programs for webservers
> ii libapache2-mod-php5 5.1.2-1ubuntu3.10 server-side, HTML-embedded scripting languag
> ii libc6 2.3.6-0ubuntu20.5 GNU C Library: Shared libraries and Timezone
> ii php5-cgi 5.1.2-1ubuntu3.10 server-side, HTML-embedded scripting languag
> ii php5-common 5.1.2-1ubuntu3.10 Common files for packages built from the php
> ii php5-mcrypt 5.1.2-1 MCrypt module for php5
> ii php5-mysql 5.1.2-1ubuntu3.10 MySQL module for php5
> ii php5-mysqli 5.1.2-1ubuntu3.10 MySQL Improved module for php5

Thanks for you help.

Regards,

Yoann