

Support Platforms - Bug #2149

gerrit server excessive CPU usage

03/30/2017 02:45 AM - Szilárd Páll

Status: New	
Priority: Normal	
Assignee:	
Category: Gerrit	
Target version:	
Affected version - extra info:	Affected version: current
Description	
<p>The gerrit server regularly shows 100% CPU utilization and >6 load average. These high resource usages have been observed during operations like pushing up a change have been taking up to 30 seconds tonight and simple operations like a rebase of a smallish change has been also taking >10 s.</p> <p>Is there something that can be done to debug the issue? Have there been any changes made recently?</p>	

History

#1 - 04/03/2017 08:52 PM - Roland Schulz

Do we have gc running regularly? I can't see it either in cron nor in the gerrit config. I just ran it manual once. But if it isn't already somewhere in cron it should be enabled in the gerrit config (<https://gerrit-review.googlesource.com/Documentation/config-gerrit.html#gc>)

#2 - 04/05/2017 05:36 PM - Szilárd Páll

Set up weekly gc (every Sat 5am, CET/CEST). Do you think the "garbage" would explain the high CPU usage?

#3 - 04/05/2017 05:39 PM - Roland Schulz

It does effect performance. Whether it is the primary cause, I don't know. Did it improve since I ran gc manually?

#4 - 04/05/2017 07:25 PM - Szilárd Páll

Roland Schulz wrote:

It does effect performance. Whether it is the primary cause, I don't know. Did it improve since I ran gc manually?

Recent push commands were pretty much instant, so it might have helped. At the same the machine has been rebooted since, so that could have contributed too.