**Debug slowness and timeout problems in our app**

Going by the primary and usual reasons for a delay in the response of an application, most of them are not applicable in this case.

One of the most common reasons is delay caused due to querying data from a database. This however is not applicable in our case as ours is a stand alone application server.

Other possible factors could be CPU utilization, memory amongst others, which again are not applicable here.

Network performance also contributes significantly to the cause. This possibility has to be ignored now as performance of the connecting network between the test server and the external web service cannot be controlled.

Due to the slow response of the application. The request times out after a short time. So in order to avoid making a fresh request again, we can increase the time out time. Tests were conducted to try different timeout values and a value of 20 secs proved to be quite reliable.