Mindtree

Performance Test Report

For

Execution of

Kernel Audit Manager – 205 users

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Summary

This report presents the observations and findings of the load test conducted for a load of 205 users on kernel audit manager service.

The objective of this load test was to observe and record behavior of the application when user load is increased from 100 to 205.

Below are the scenario details:

Script/Report Name	Kernel Audit Manager Service
Run Date	09-June-2020
Period	06:09:46 UTC to 07:17:53 UTC
Number of concurrent users	100 to 205
Ramp up	01 user per second
Run Duration	---
Ramp down	NA

The transaction response times observed were as below:

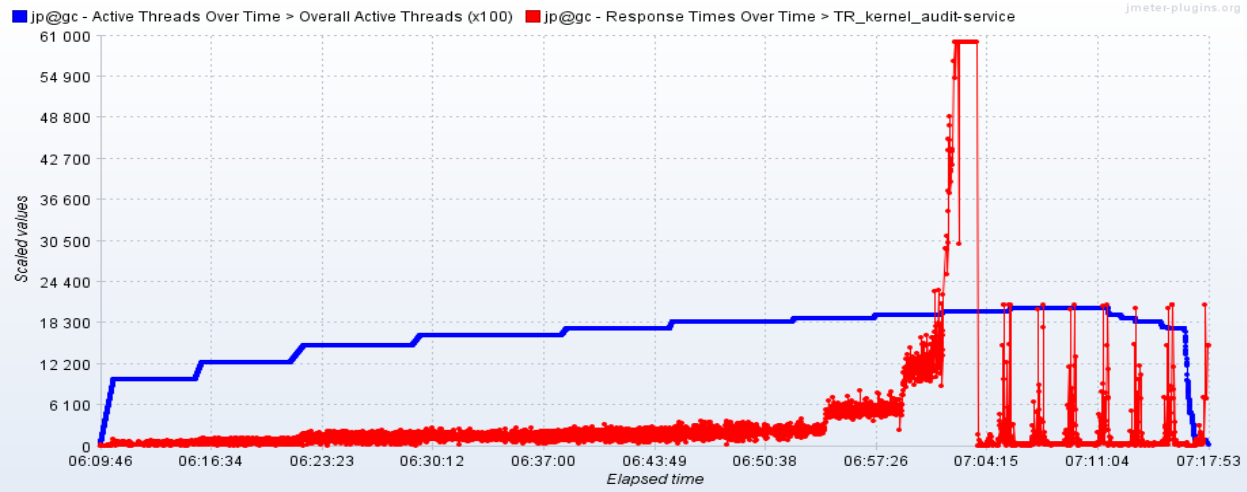
Label	# Samples	Average(ms)	90% Line(ms)	Min(ms)	Max(ms)	Error %	Throughput
TR_kernel_audit-service	523947	955	2377	8	75117	67.57%	128.2

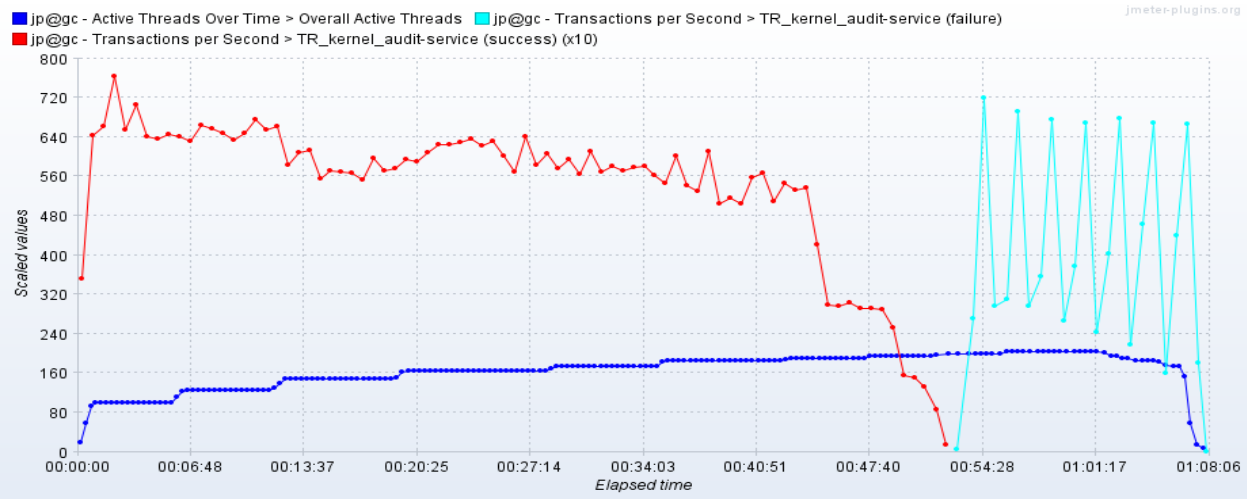
Performance Test Execution Details

We have executed JMeter script for kernel audit manager service which has transactions mentioned in the above table.

Average response time of the APIs is 955 ms with error rate above 67 %, error appeared for audit request at a user load of 200 users when most of the APIs started failing with 503 error. The audit service pod has crashed at a user load of 200.

Response Time and TPS Graph:





As seen in the response time graph, response time of the APIs is approx 1.3 sec when 150 users are active, it is 2.1 second for 175 users, it crosses 5 seconds for 195 users and keeps increasing and crosses 11.2 sec for 195 users. It crosses 40 second for 200 users load and crashes after some time.

Throughput (TPS) of the APIs reaches 58 when 175 users are active and comes down to 31 at 190 users level. It finally crashes at 200 user load.