

# **Performance Test Report**

## **For**

### **Execution of 30 days Slot availability Batch Job and Load test execution– 25 users**

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#### **Summary**

This report presents the observations and findings of the 30 days slot availability batch job execution and load test conducted for a load of 25 users, which will make booking appointments after executing 30 days Slot availability batch jobs running for a duration of 34 minutes.

The objective of this load test was to observe and record the behavior of the application when users are booking appointments after executing slot availability for 30 days.

Below are the scenario details:

<b>Sprint/Report Name</b>	Booking appointments after executing slot availability batch job for 30 days
<b>Run Date</b>	10-Sep-2019
<b>Period</b>	09:38 AM to 10:12 AM
<b>Number of concurrent users</b>	25
<b>Ramp up</b>	2 min
<b>Run Duration</b>	30 minutes
<b>Ramp down</b>	2 min

### **Batch Job execution details:**

Executed slot availability batch job for 30 days and verified in the DB as well after creation of slots for 30 days, below are the details:

instance_id	Create_Time	Start_Time	End_Time	Execution Time	Status	Count of rows of slots created (DB)	Days (DB)
67	09:22:20.619	09:22:20.645	09:22:46.418	00:00:26	completed	9360	30

Slot availability batch job took 00:00:26 sec for executing 30 days. After verifying in db and we have executed booking appoints from J-meter tool.

The transaction response times observed were as below:

Label	# Samples	Average (msec)	90% Line (msec)	Min (msec)	Max (msec)	Error %	Throughput (Sec)
TR_prereg_homepage	906	130	270	52	2489	0.00%	0.44939
TR_prereg_sendotp	905	383	603	204	1227	0.44%	0.45312
TR_prereg_validateotp	901	480	740	209	2188	0.11%	0.45125
TR_prereg_viewbasicdetails	899	647	1040	251	2012	0.00%	0.45029
TR_prereg_submitdemographic	897	2138	3039	179	4385	0.00%	0.44927
TR_prereg_uploadpoidocument	896	268	353	58	7849	0.22%	0.44954
TR_prereg_uploadpoadocument	892	160	275	45	762	0.22%	0.44766
TR_prereg_searchregcenter	887	84	245	38	2893	0.00%	0.44466
TR_prereg_openbookappointmentpage	881	75	123	35	1404	0.00%	0.44217
TR_prereg_bookappointment	878	185	354	76	1124	0.00%	0.44928
TR_prereg_notify	875	353	471	237	1372	1.26%	0.44777
TR_prereglogout	863	466	731	202	2648	0.00%	0.44171

## **Performance Test Execution Details**

We have executed the booking appointment user flow, which has transactions mentioned in above table.

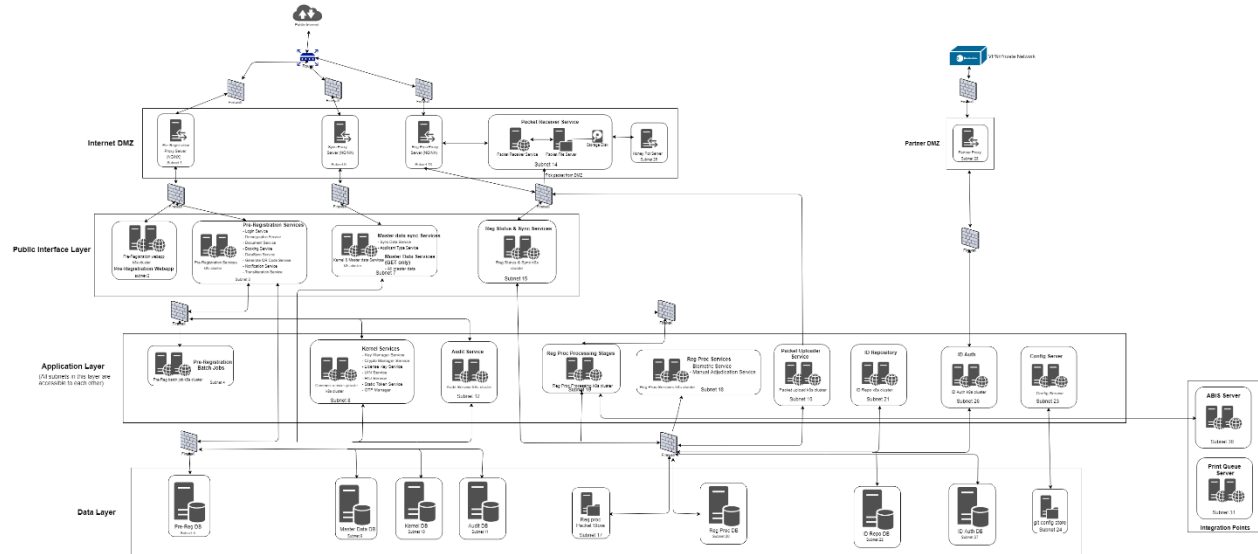
All the transactions average response times are within SLA of 3 seconds

The error rate for all transactions is less than 1%. Except below:

<https://preprod.mosip.io/preregistration/v1/notification/notify> - 1.26%

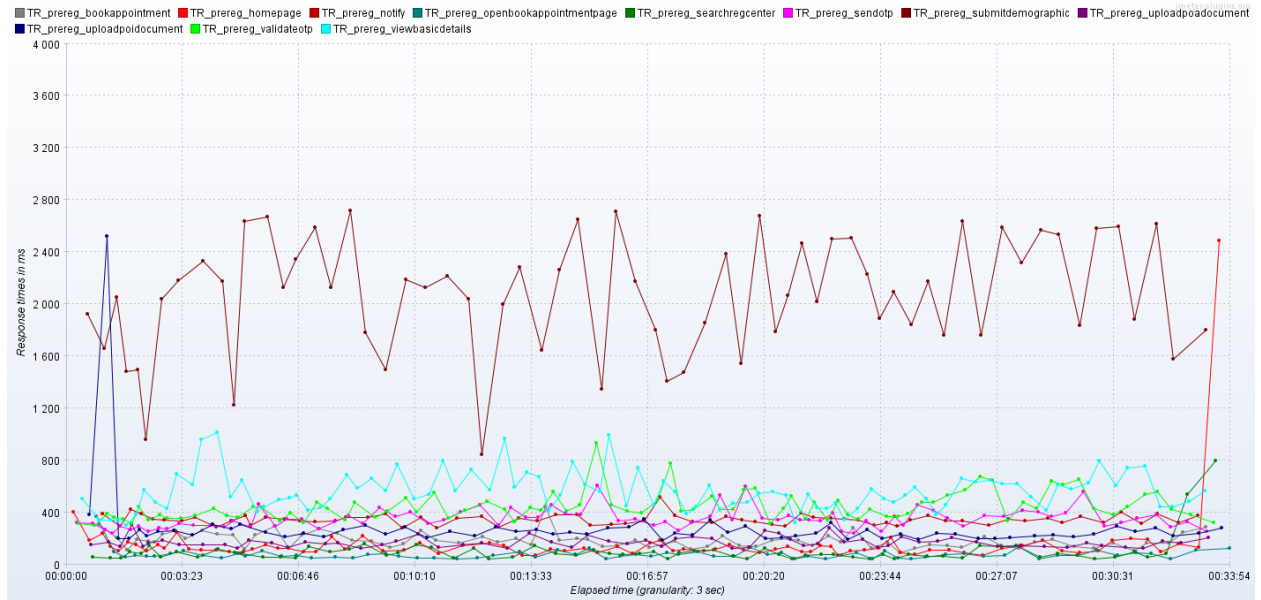
## Test Environment :

Architecture is available below:

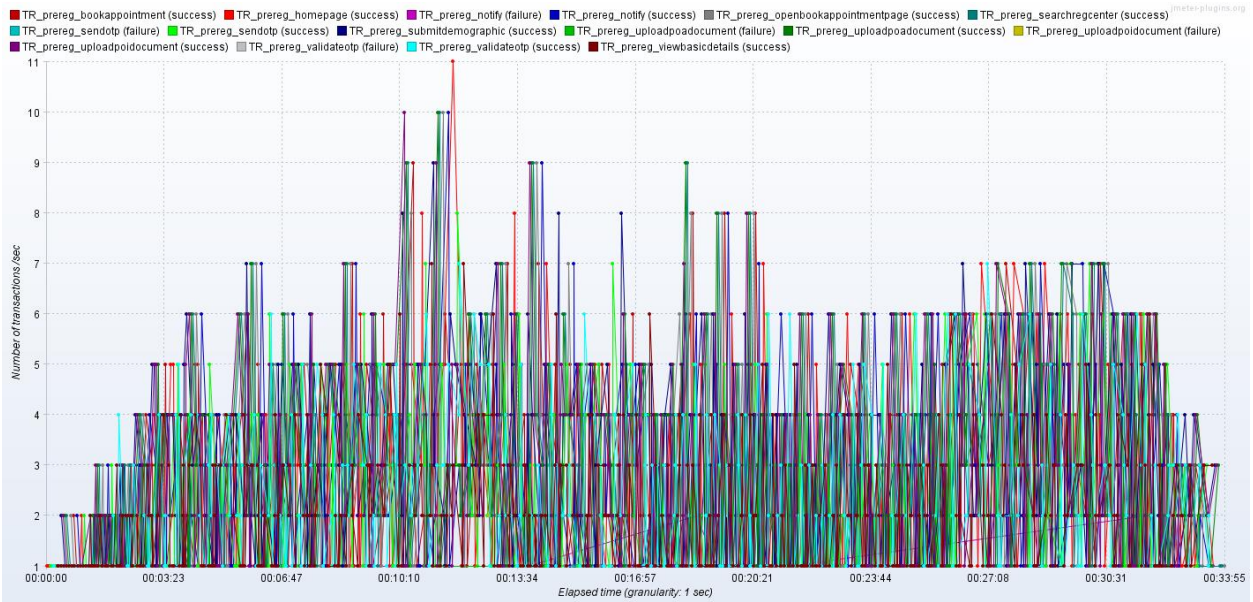


## Response Time Graph

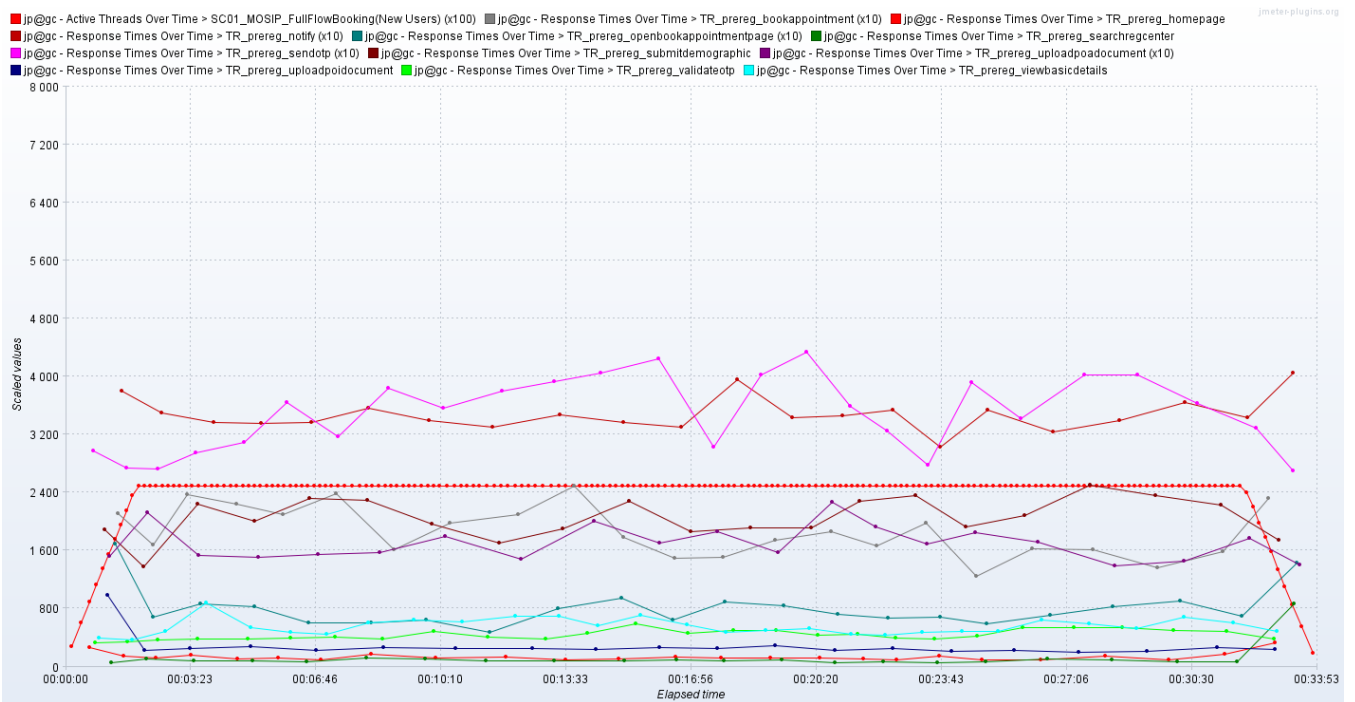
All the transactions average response times are within SLA of 3 seconds



**Transactions per second:**



## Active threads vs response times over time:





## **Conclusion and Next Steps:**

We have raised jira issue <https://mosipid.atlassian.net/browse/MOS-27275> for the notify email request ,We will testing for 60 days, 90 days upto 6 months and we will repeat the same execution and will observe the performance of transactions and execution time for batch jobs