Pre-Registration Demographic Controller Performance Testing

Test Summary:

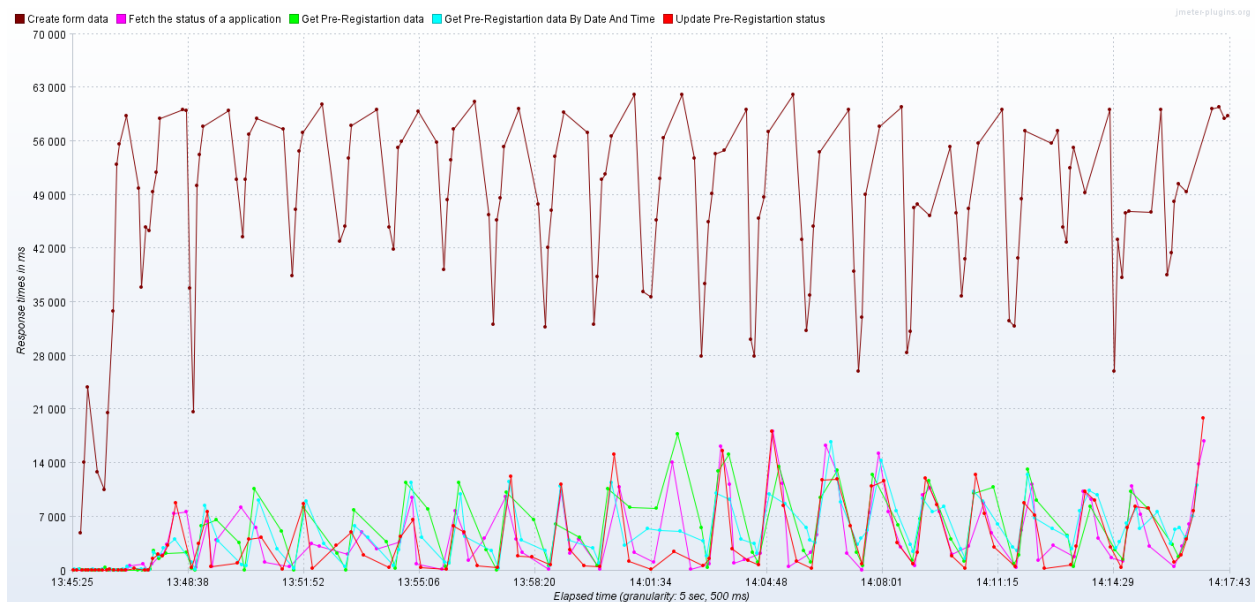|	
Kernel Request	Demographic Controller
Base URL	https://integ.mosip.io
Execution Window	2019/01/09 01:45 PM IST to 2019/01/09 02:15 PM IST
Maximum User Load	200
Tool Used	Jmeter

APIs transaction Summary:

Label	#Sample	Average	90% line(ms)	Min(ms)	Max(ms)	Error%	Throughput/Sec
Create form data	5238	51219	60234	472	81277	63.99%	2.29
Get Pre-Registration data	5123	7024	16113	0	33540	4.29%	2.30
Get Pre-Registration data By Date And Time	5120	3868	10136	54	42599	0.00%	2.30
Update Pre-Registration status	5083	2341	8094	0	56031	4.33%	2.30
Fetch the status of an application	5067	2617	8426	0	41541	4.34%	2.29

Test Observations:

Create form data API's response time is higher than the normal range and returns bad gateway error over the period of time. Error % for form creation is 63.99%.

Response Times Over Time

Transactions per Second

Legend:
- Create form data (failure)
- Create form data (success)
- Fetch the status of a application (failure)
- Fetch the status of a application (success)
- Get Pre-Registartion data (failure)
- Get Pre-Registartion data (success)
- Get Pre-Registartion data By Date And Time (success)
- Update Pre-Registartion status (failure)
- Update Pre-Registartion status (success)

jmeter-plugins.org

Number of transactions /sec

Elapsed time (granularity: 16 sec)