

# Performance Test Report

## Test Summary:

Test Execution Date: 21-Dec-2018

Load test has been executed for the below APIs with 100 Virtual Users each. Packet Server API is tested with a small PDF file and a larger file. Email Notification API test will be conducted with next schedule as it was down on 21<sup>st</sup> Dec.

## Test Observations:

1. During the run, Audit Manager was getting 500 internal server error close to 6%.
2. The number of UIN numbers generated per second is 26.15.
3. Packet Server returned error while trying to upload the file which is more than 5MB. The error is  
"Response code: Non HTTP response code: org.apache.http.ConnectionClosedException  
Response message: Non HTTP response message: Premature end of chunk coded message body: closing chunk expected"

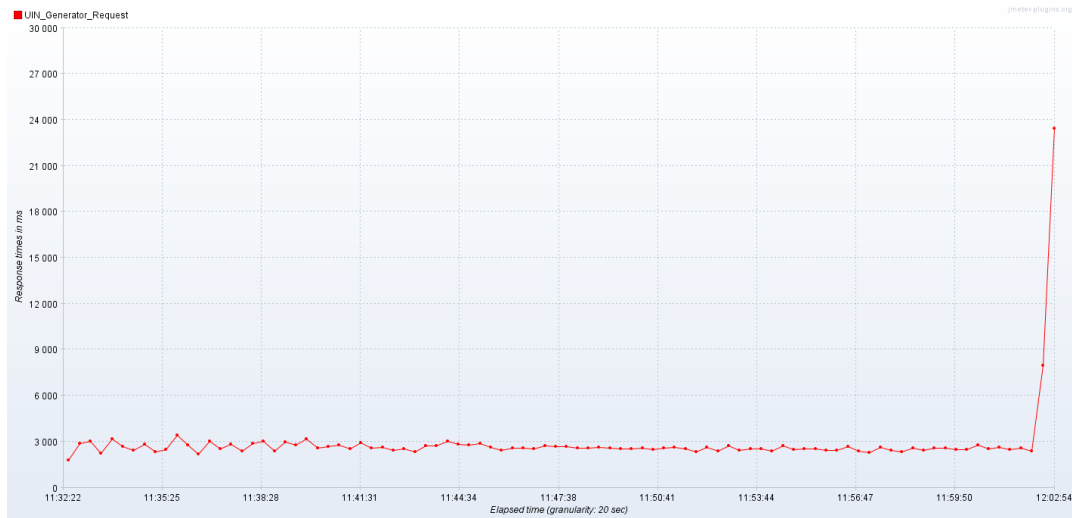
## Transaction Summary:

Label	#Sample	Average(ms)	90% line(ms)	Min(ms)	Max(ms)	Error%	Throughput
UIN_Generator_Request	59244	2574	2746	96	42043	0.06%	26.15
Audit Manager Request	122938	727	605	54	899759	5.67%	49.74
OTP_Generation	35509	472	292	66	42026	0.00%	15.80
OTP_Validation	35469	497	245	52	42023	0.08%	15.81
Packet_Server_with_1.5MB	7569	26280	38508	1050	78090	0.50%	3.36
Packet_Server_with_3.84MB	2576	81445	111347	1994	162164	0.23%	1.14

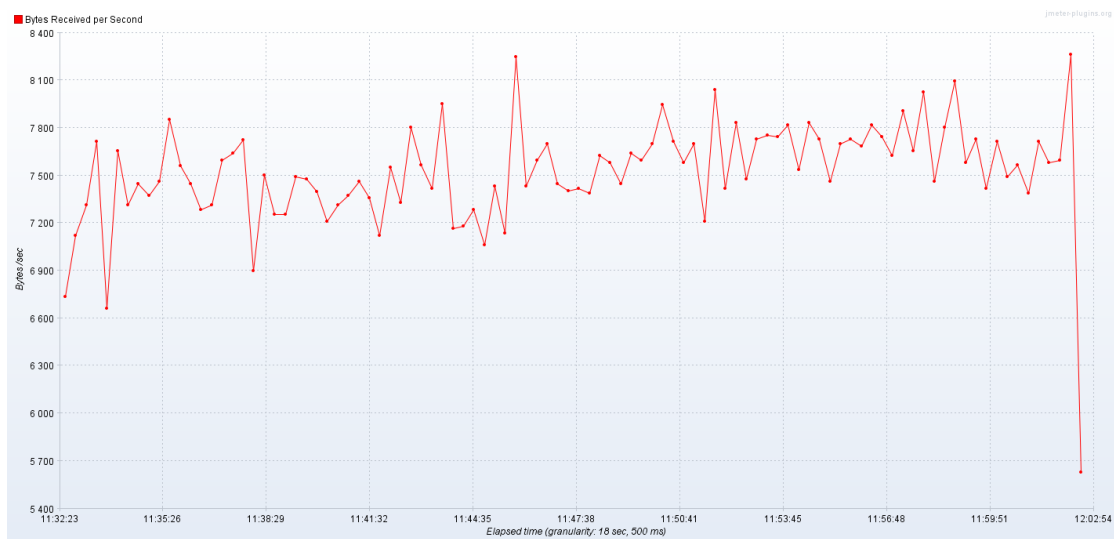
## 1. UIN Generator

Kernel Request	UIN_Generator
Base URL	https://integ.mosip.io
Execution Window	2018/12/21 11:32 AM IST to 2018/12/21 12:02 PM IST
Maximum User Load	100
Tool Used	Jmeter
Average Response Time	2574
Throughput Achieved	26.15 Req Per Sec

## Response Times Over Time:



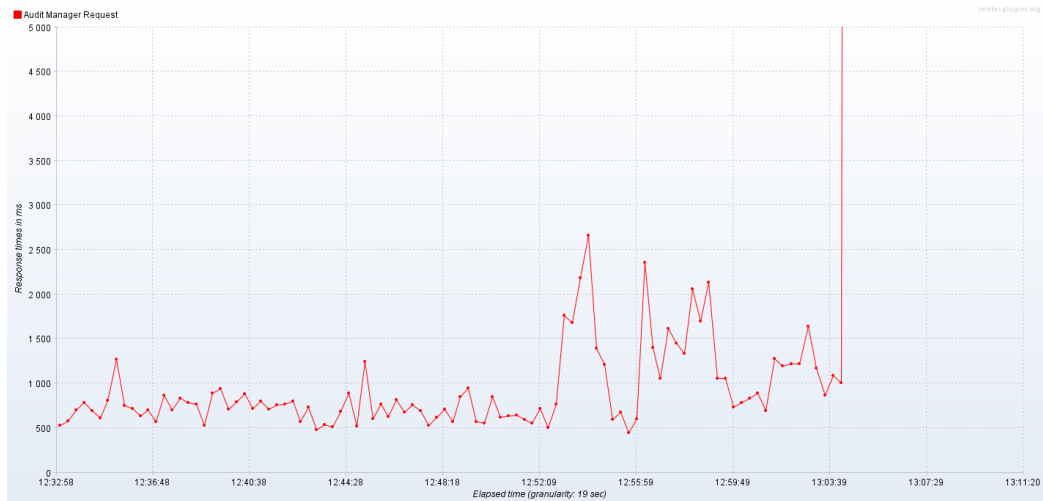
## Bytes Throughput Over Time:



## 2. Audit Manager

Kernel Request	Audit Manager Request
Base URL	<a href="https://integ.mosip.io">https://integ.mosip.io</a>
Execution Window	2018/12/21 12:32 AM IST to 2018/12/21 01:03 PM IST
Maximum User Load	100
Tool Used	Jmeter
Average Response Time	727 ms
Throughput Achieved	49.74 Req per Sec

## Response Times Over Time:



## Bytes Throughput Over Time:

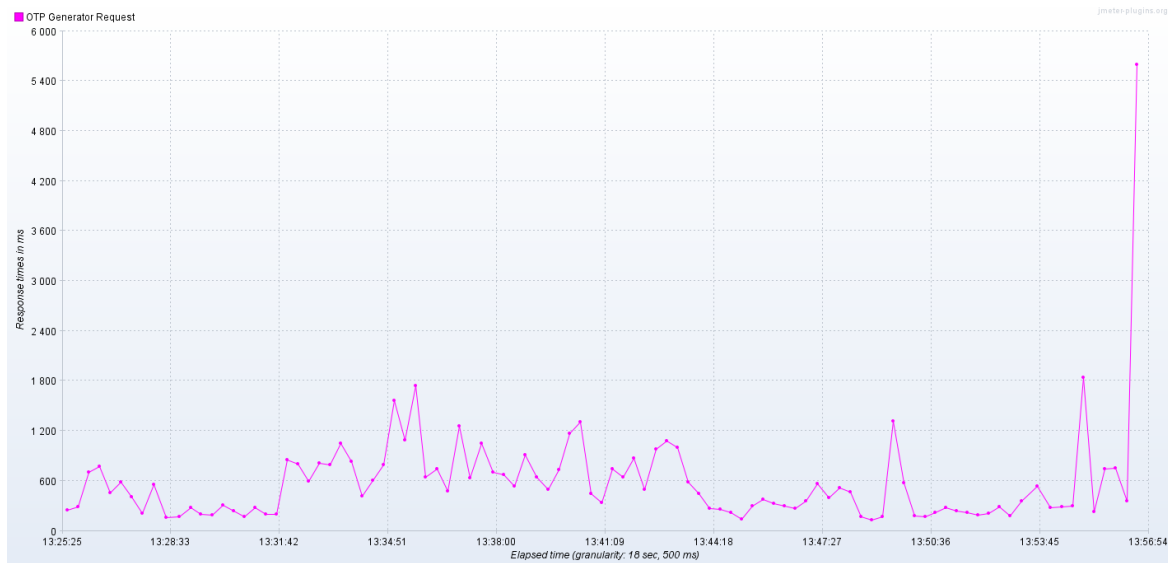


### 3. OTP Manager

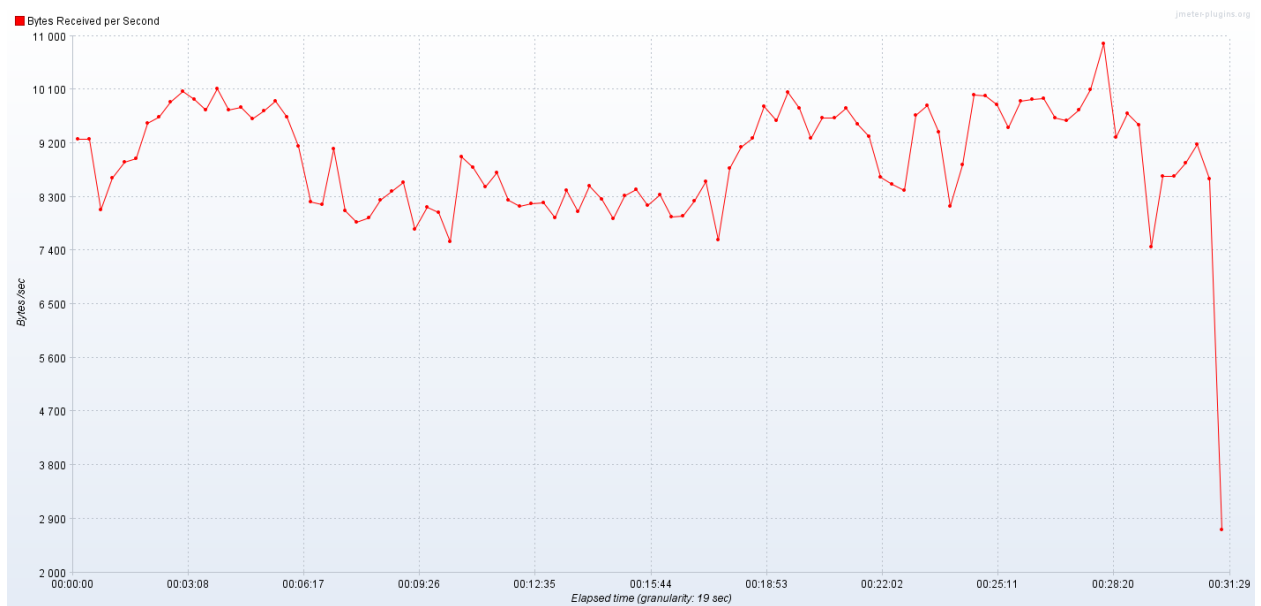
#### 3.1 OTP\_Generation

Kernel Request	OTP_Generation
Base URL	<a href="https://integ.mosip.io">https://integ.mosip.io</a>
Execution Window	2018/12/21 01:25 AM IST to 2018/12/21 01:55 PM IST
Maximum User Load	100
Tool Used	Jmeter
Average Response Time	472 ms
Throughput Achieved	15.8 Req per Sec

## Response Times Over Time:



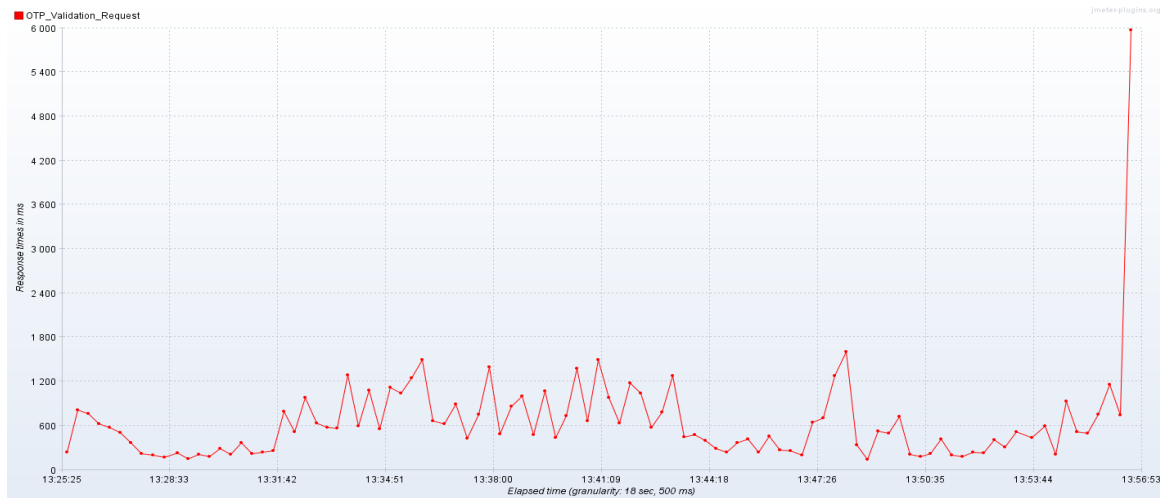
## Bytes Throughput Over Time: (OTP\_Generation + OTP Validation)



### 3.2 OTP Validation:

Kernel Request	OTP_Validation
Base URL	https://integ.mosip.io
Execution Window	2018/12/21 01:25 AM IST to 2018/12/21 01:55 PM IST
Maximum User Load	100
Tool Used	Jmeter
Average Response Time	497
Throughput Achieved	15.8 Req per Sec

## Response Times Over Time:



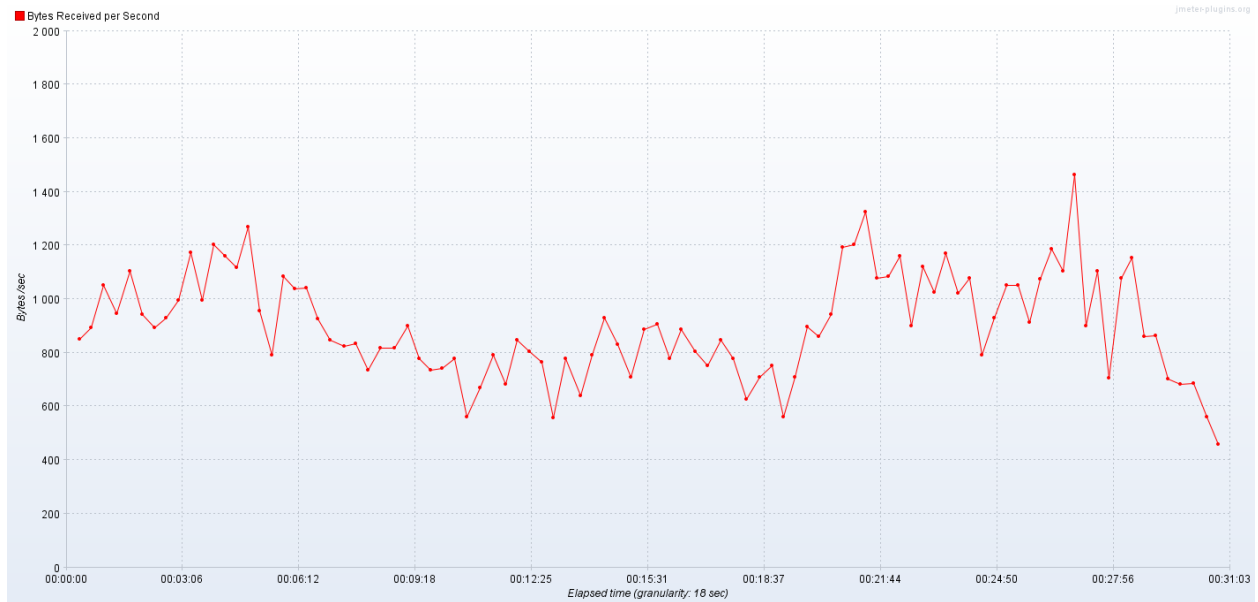
### 4. Packet\_Server\_with\_1.5MB

Kernel Request	Packet_Server_with_1.5MB
Base URL	https://integ.mosip.io
Execution Window	2018/12/21 03:03 AM IST to 2018/12/21 03:33 PM IST
Maximum User Load	100
Tool Used	Jmeter
Average Response Time	26280
Throughput Achieved	3.36 Req per sec

## Response Times Over Time:



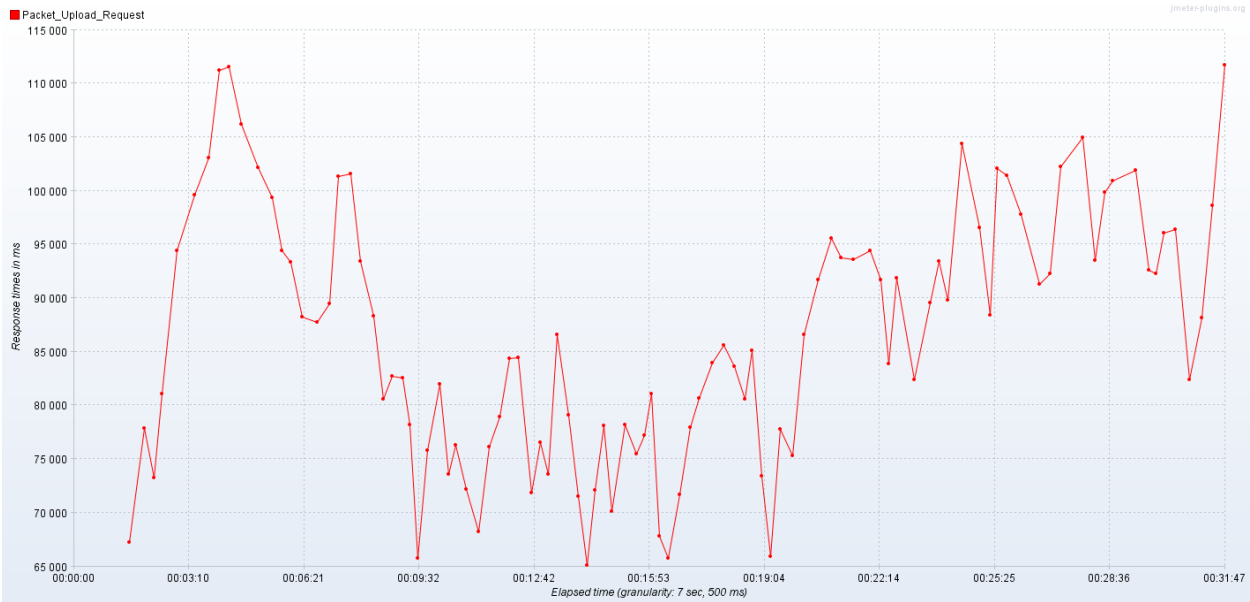
## Bytes Throughput Over Time:



### 5. Packet\_Server\_with\_3.84MB

Kernel Request	Packet_Server_with_3.84MB
Base URL	https://integ.mosip.io
Execution Window	2018/12/21 04:19 AM IST to 2018/12/21 04:49 PM IST
Maximum User Load	100
Tool Used	Jmeter
Average Response Time	81445
Throughput Achieved	1.14 Req per Sec

Response Times Over Time:



Bytes Throughput Over Time:

