HealthCheck

Method:GET

Path: /energy/api/HealthCheck

1.Number of Threads (users): 50 Ramp-up period (seconds): 3 Loop Count: 1

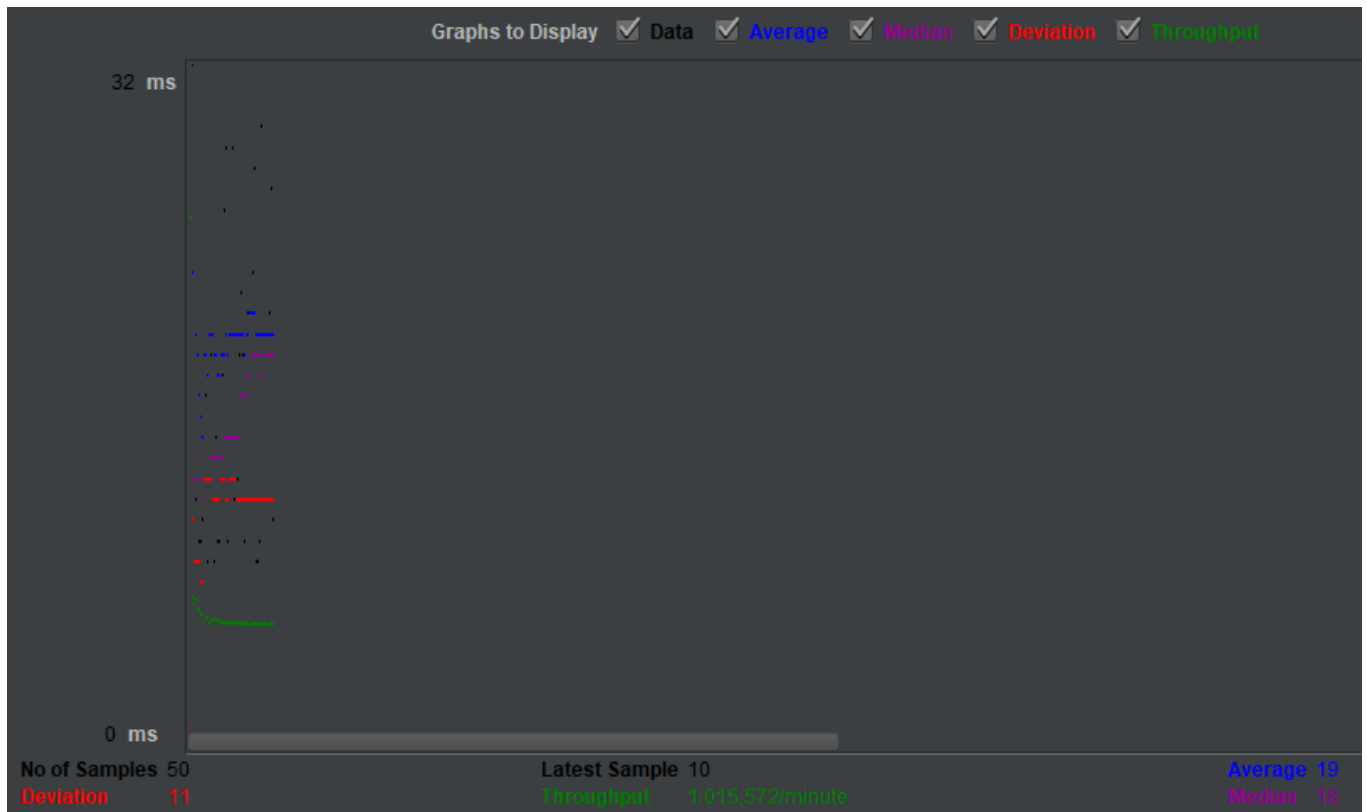*-Summary Report:*

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s...	Sent KB/sec	Avg. Bytes
HTTP Request	50	19	8	49	11,12	0,00%	16,9/sec	4,19	2,64	253,7
TOTAL	50	19	8	49	11,12	0,00%	16,9/sec	4,19	2,64	253,7

-Results in Table (first 10 and last 10 users):

Sample #	Start Time	Thread Name	Label	Sample Time(m...	Status	Bytes	Sent Bytes	Latency	Connect Time(...
1	16:28:51.282	HealthCheck te...	HTTP Request	12	✓	226	160	12	10
2	16:28:51.344	HealthCheck te...	HTTP Request	32	✓	226	160	32	25
3	16:28:51.408	HealthCheck te...	HTTP Request	22	✓	226	160	22	14
4	16:28:51.461	HealthCheck te...	HTTP Request	11	✓	226	160	11	8
5	16:28:51.527	HealthCheck te...	HTTP Request	13	✓	226	160	13	8
6	16:28:51.588	HealthCheck te...	HTTP Request	9	✓	226	160	9	6
7	16:28:51.648	HealthCheck te...	HTTP Request	9	✓	226	160	9	6
8	16:28:51.707	HealthCheck te...	HTTP Request	10	✓	226	160	10	6
9	16:28:51.768	HealthCheck te...	HTTP Request	49	✓	226	160	49	44
10	16:28:51.827	HealthCheck te...	HTTP Request	16	✓	226	160	16	12
40	16:28:53.626	HealthCheck te...	HTTP Request	8	✓	303	160	8	5
41	16:28:53.686	HealthCheck te...	HTTP Request	8	✓	303	160	8	6
42	16:28:53.745	HealthCheck te...	HTTP Request	9	✓	303	160	9	6
43	16:28:53.805	HealthCheck te...	HTTP Request	29	✓	303	160	29	22
44	16:28:53.866	HealthCheck te...	HTTP Request	11	✓	303	160	11	8
45	16:28:53.925	HealthCheck te...	HTTP Request	19	✓	303	160	18	14
46	16:28:53.986	HealthCheck te...	HTTP Request	19	✓	303	160	19	14
47	16:28:54.047	HealthCheck te...	HTTP Request	38	✓	303	160	38	29
48	16:28:54.102	HealthCheck te...	HTTP Request	20	✓	303	160	20	15
49	16:28:54.162	HealthCheck te...	HTTP Request	26	✓	303	160	26	22
50	16:28:54.226	HealthCheck te...	HTTP Request	10	✓	303	160	10	7

-Graph Results:

2.Number of Threads (users): 100 Ramp-up period (seconds): 3 Loop Count: 1

-Summary Reports:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s...	Sent KB/sec	Avg. Bytes
HTTP Request	100	10	6	25	4,02	0,00%	33,6/sec	9,94	5,25	303,0
TOTAL	100	10	6	25	4,02	0,00%	33,6/sec	9,94	5,25	303,0

-Results in table (10 first and 10 last users):

Sample #	Start Time	Thread Name	Label	Sample Time(m...	Status	Bytes	Sent Bytes	Latency	Connect Time(...
1	16:41:43.164	HealthCheck te...	HTTP Request	16	✔	303	160	16	12
2	16:41:43.201	HealthCheck te...	HTTP Request	8	✔	303	160	8	6
3	16:41:43.244	HealthCheck te...	HTTP Request	8	✔	303	160	8	6
4	16:41:43.268	HealthCheck te...	HTTP Request	25	✔	303	160	25	18
5	16:41:43.299	HealthCheck te...	HTTP Request	13	✔	303	160	13	9
6	16:41:43.329	HealthCheck te...	HTTP Request	9	✔	303	160	9	7
7	16:41:43.360	HealthCheck te...	HTTP Request	6	✔	303	160	6	4
8	16:41:43.390	HealthCheck te...	HTTP Request	9	✔	303	160	9	6
9	16:41:43.420	HealthCheck te...	HTTP Request	8	✔	303	160	8	6
10	16:41:43.450	HealthCheck te...	HTTP Request	9	✔	303	160	9	7
90	16:41:45.843	HealthCheck te...	HTTP Request	8	✔	303	160	8	5
91	16:41:45.873	HealthCheck te...	HTTP Request	8	✔	303	160	8	6
92	16:41:45.904	HealthCheck te...	HTTP Request	7	✔	303	160	7	5
93	16:41:45.934	HealthCheck te...	HTTP Request	9	✔	303	160	9	5
94	16:41:45.964	HealthCheck te...	HTTP Request	6	✔	303	160	6	4
95	16:41:45.993	HealthCheck te...	HTTP Request	15	✔	303	160	15	10
96	16:41:46.023	HealthCheck te...	HTTP Request	16	✔	303	160	16	12
97	16:41:46.044	HealthCheck te...	HTTP Request	12	✔	303	160	12	9
98	16:41:46.083	HealthCheck te...	HTTP Request	8	✔	303	160	8	5
99	16:41:46.113	HealthCheck te...	HTTP Request	7	✔	303	160	7	5
100	16:41:46.135	HealthCheck te...	HTTP Request	7	✔	303	160	7	5

-Graph Results:

Graphs to Display ☑ Data ☑ Average ☑ Median ☑ Deviation ☑ Throughput

No of Samples 100	**Latest Sample** 7	**Average** 10
Deviation 4	**Throughput** 2.014,775/minute	**Median** 9

3.Number of Threads (users): 150 Ramp-up period (seconds): 3 Loop Count: 1

-Summary Reports:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/s...	Sent KB/sec	Avg. Bytes
HTTP Request	150	12	6	79	9,48	0,00%	49,9/sec	14,76	7,79	303,0
TOTAL	150	12	6	79	9,48	0,00%	49,9/sec	14,76	7,79	303,0

-Results in tables (for 10 first and 10 last users):

Sample #	Start Time	Thread Name	Label	Sample Time(m...	Status	Bytes	Sent Bytes	Latency	Connect Time(...
1	16:49:17.313	HealthCheck te...	HTTP Request	26	✓	303	160	26	18
2	16:49:17.333	HealthCheck te...	HTTP Request	14	✓	303	160	14	11
3	16:49:17.353	HealthCheck te...	HTTP Request	11	✓	303	160	11	8
4	16:49:17.373	HealthCheck te...	HTTP Request	10	✓	303	160	10	7
5	16:49:17.394	HealthCheck te...	HTTP Request	10	✓	303	160	10	7
6	16:49:17.417	HealthCheck te...	HTTP Request	12	✓	303	160	12	8
7	16:49:17.437	HealthCheck te...	HTTP Request	7	✓	303	160	7	5
8	16:49:17.461	HealthCheck te...	HTTP Request	10	✓	303	160	10	7
9	16:49:17.482	HealthCheck te...	HTTP Request	10	✓	303	160	10	7
10	16:49:17.503	HealthCheck te...	HTTP Request	11	✓	303	160	11	8

140	16:49:20.114 HealthCheck te... HTTP Request	16	✓	303	160	16	12
141	16:49:20.134 HealthCheck te... HTTP Request	17	✓	303	160	17	13
142	16:49:20.154 HealthCheck te... HTTP Request	12	✓	303	160	12	10
143	16:49:20.173 HealthCheck te... HTTP Request	7	✓	303	160	7	5
144	16:49:20.192 HealthCheck te... HTTP Request	9	✓	303	160	9	7
145	16:49:20.212 HealthCheck te... HTTP Request	10	✓	303	160	10	7
146	16:49:20.232 HealthCheck te... HTTP Request	9	✓	303	160	9	7
147	16:49:20.252 HealthCheck te... HTTP Request	11	✓	303	160	11	8
148	16:49:20.272 HealthCheck te... HTTP Request	7	✓	303	160	7	5
149	16:49:20.292 HealthCheck te... HTTP Request	12	✓	303	160	12	8
150	16:49:20.312 HealthCheck te... HTTP Request	8	✓	303	160	8	5

-Graph Results:
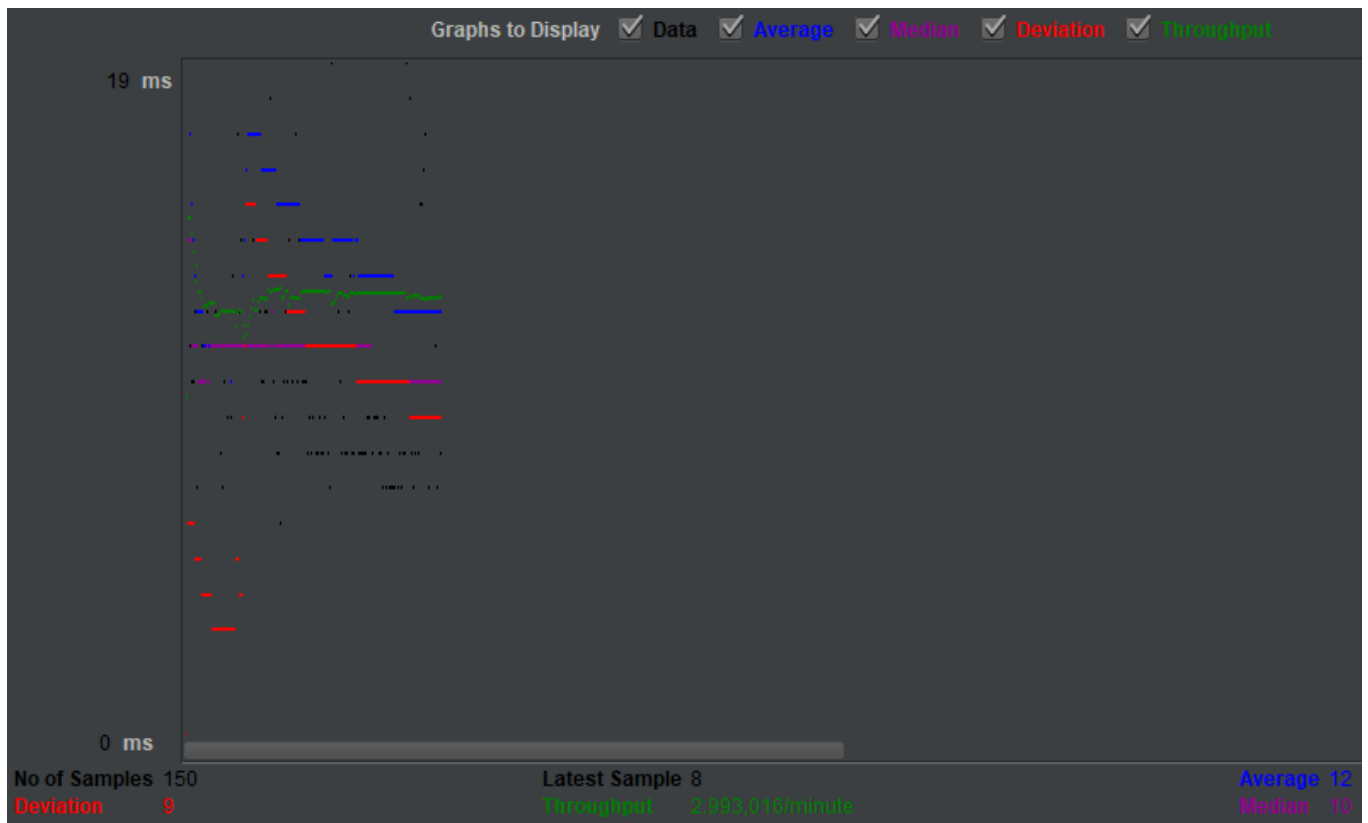
ΑΝΑΛΥΣΗ ΔΕΙΓΜΑΤΩΝ:

Παρατηρούμε ότι για την συγκεκριμένη λειτουργικότητα οι επιδόσεις του REST API μας δεν μεταβάλλονται πολύ συγκριτικά με την αύξηση των χρηστών που το χρησιμοποιούν. Επομένως, μπορούμε να αποφανθούμε ότι η επίδοση του API μας είναι σταθερά καλή.

Ανάλυση Graph:

- **Data** - plot the actual data values
- **Average** - plot the Average
- **Median** - plot the Median (midway value)
- **Deviation** - plot the Standard Deviation (a measure of the variation)
- **Throughput** - plot the number of samples per unit of time

Ανάλυση Summary Report:

- **Label** - The label of the sample. If "**Include group name in label?**" is selected, then the name of the thread group is added as a prefix. This allows identical labels from different thread groups to be collated separately if required.
- **# Samples** - The number of samples with the same label
- **Average** - The average elapsed time of a set of results
- **Min** - The lowest elapsed time for the samples with the same label
- **Max** - The longest elapsed time for the samples with the same label
- **Std. Dev.** - the Standard Deviation of the sample elapsed time
- **Error %** - Percent of requests with errors
- **Throughput** - the Throughput is measured in requests per second/minute/hour. The time unit is chosen so that the displayed rate is at least **1.0**. When the throughput is saved to a CSV file, it is expressed in requests/second, i.e. 30.0 requests/minute is saved as **0.5**.
- **Received KB/sec** - The throughput measured in Kilobytes per second
- **Sent KB/sec** - The throughput measured in Kilobytes per second
- **Avg. Bytes** - average size of the sample response in bytes.

ΠΗΓΕΣ: https://jmeter.apache.org/