Testiranje Performasni Sistema

Napredne Veb Tehnologije
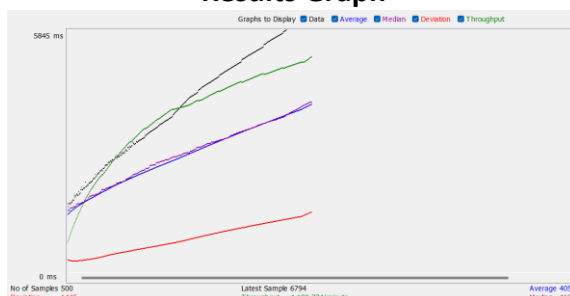
SV79/2020 Ivan Đukanović

1.) Dobavljanje potrošene energije (zadnjih 6 sati)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
500	4050	596	7151	1445.10	0.00%	69.8/sec	689.74	10.98	10117.0
200	732	67	1544	326.81	0.00%	125.9/sec	2329.73	19.80	18942
100	24	23	34	2.51	0.00%	98.5/sec	1810.54	15.49	18818.0
50	22	22	27	1.08	0.00%	49.8/sec	909.25	7.83	18696.0
10	22	22	25	0.92	0.00%	10.7/sec	194.19	1.68	18573.0

500 uređaja

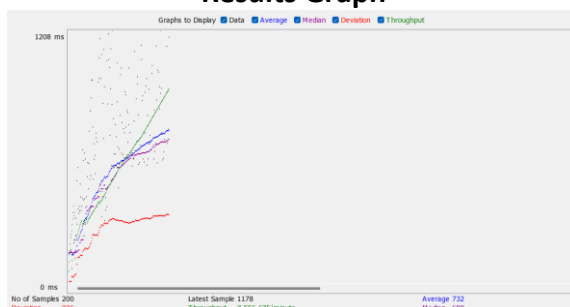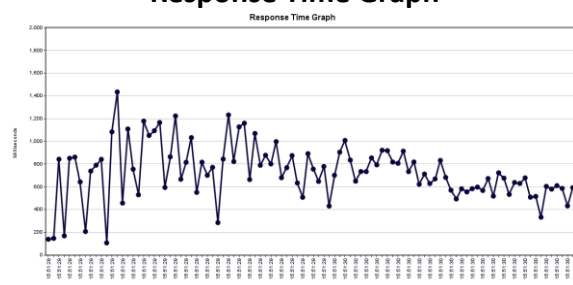**Results Graph**   **Response Time Graph**
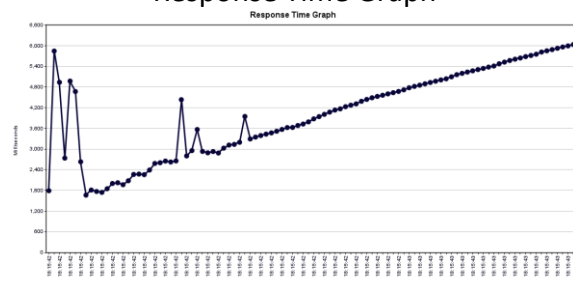
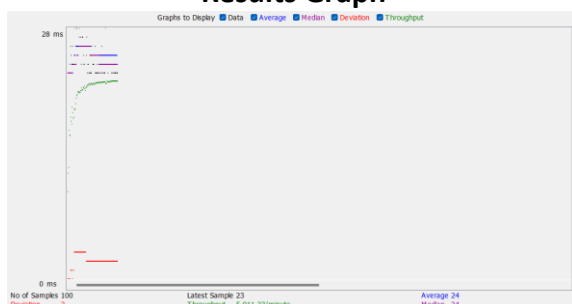### 200 uređaja

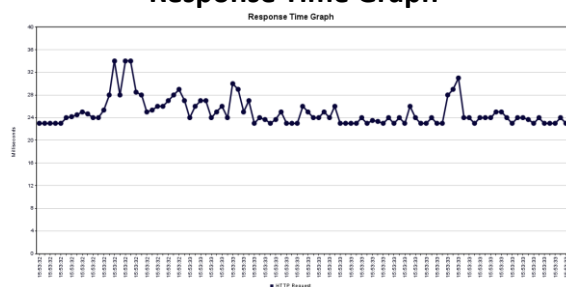**Results Graph**   **Response Time Graph**
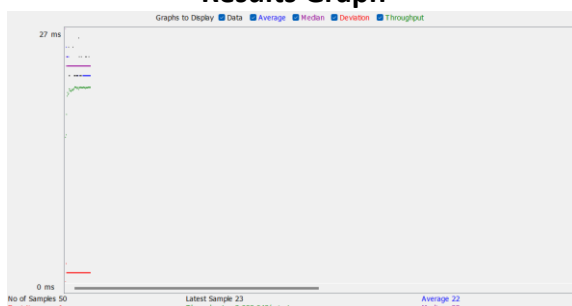
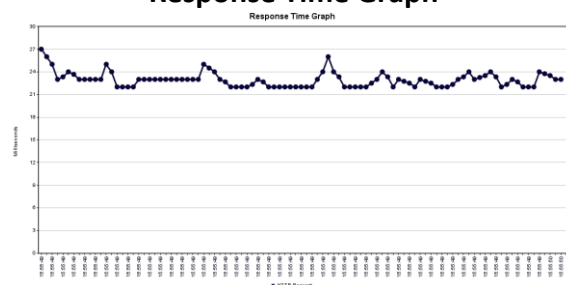## 100 uređaja

Results Graph

Response Time Graph

50 uređaja

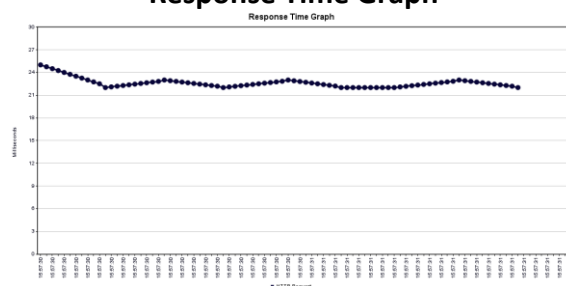**Results Graph**

Response Time Graph

10 uređaja

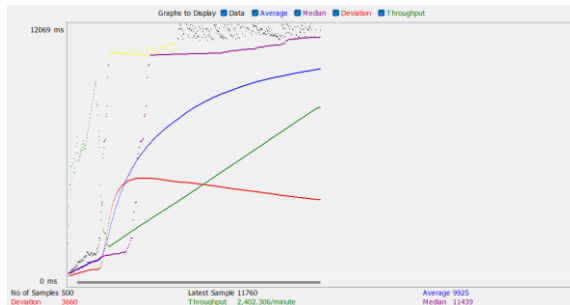**Results Graph**

Response Time Graph
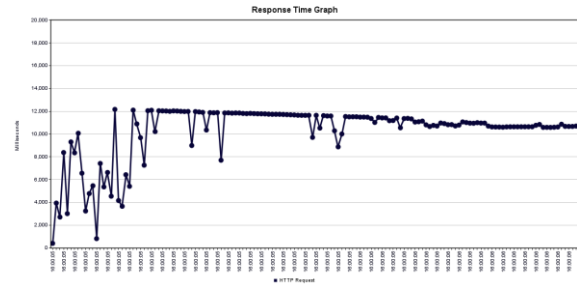

2.) Dobavljanje potrošene energije (zadnjih 12 sati)

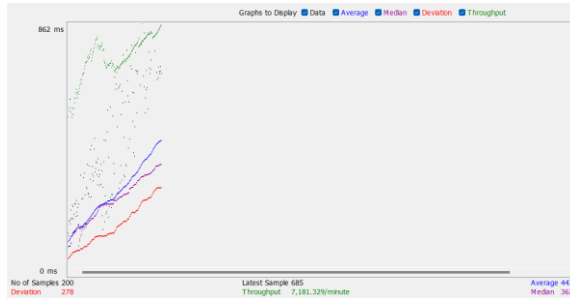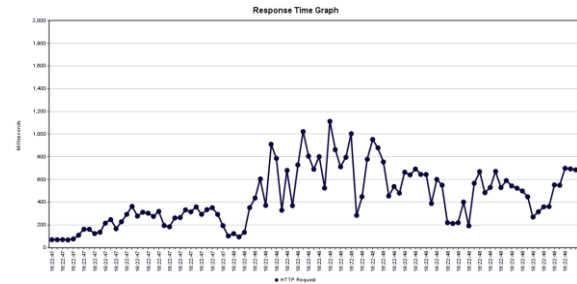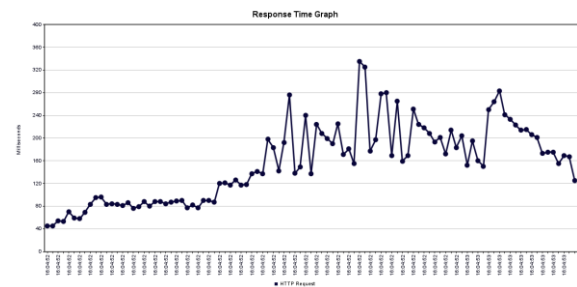| Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
500	9925	128	12390	3660.85	28.00%	40.0/sec	578.48	6.33	14794.9
200	447	65	1123	278.10	0.00%	119,7/sec	1872.48	18.94	16020.0
100	155	45	335	67.59	0.00%	87.9/sec	1735.07	13.90	20219.0
50	689	434	1001	147.45	0.00%	35.2/sec	548.03	5.56	15960.0
10	42	41	46	1.91	0.00%	10.6/sec	208.13	1.68	20098.0

500 uređaja

Results Graph

Response Time Graph

200 uređaja

Results Graph

Response Time Graph

100 uređaja

Results Graph
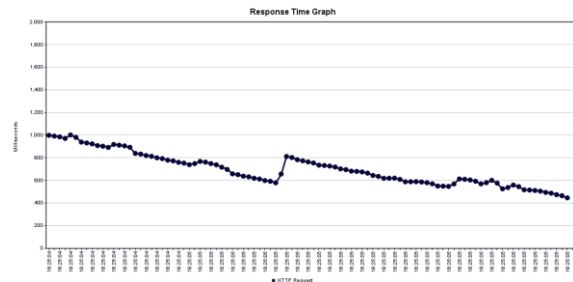

Response Time Graph

50 uređaja

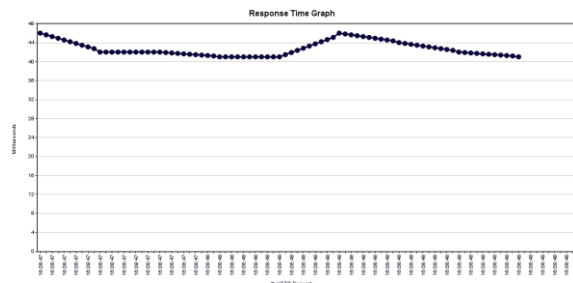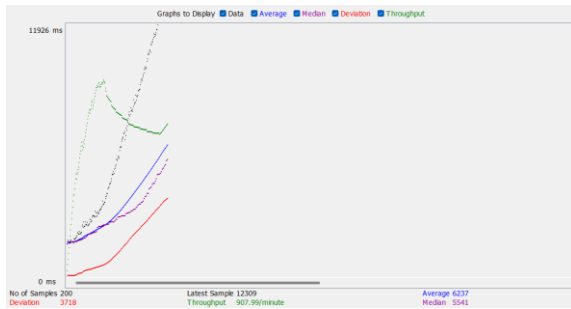**Results Graph**

Reponse Time Graph

10 uređaja

Results Graph

Response Time Graph

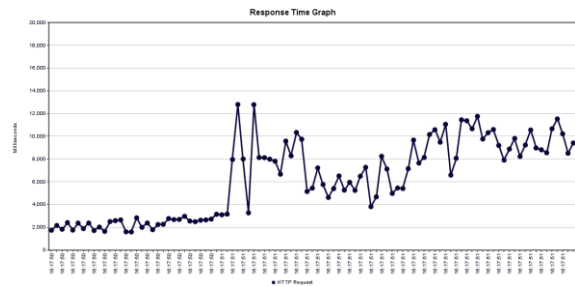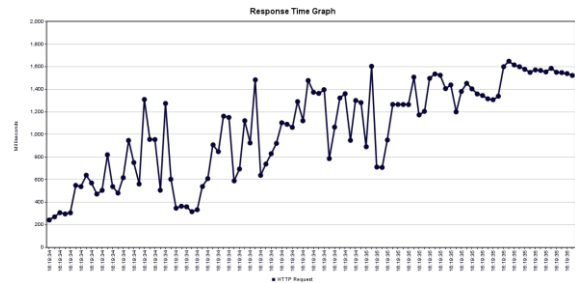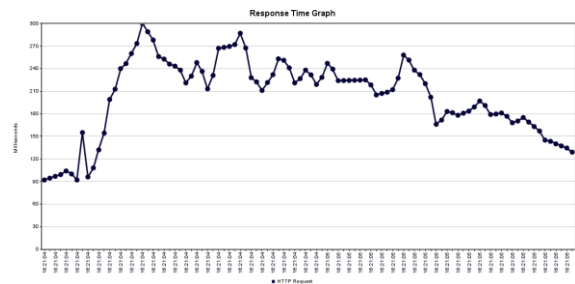## 3.) Dobavljanje potrošene energije (zadnjih 24 sati)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
200	6237	1544	12817	3718.80	0.00%	15.1/sec	316.85	2.39	21440.0
100	1049	241	1648	429.18	0.00%	39.4/sec	823.59	6.24	21379.0
50	201	92	300	52.51	0.00%	45.7/sec	953.33	7.22	21379.0
10	80	77	89	3.89	0.00%	10.1/sec	210.45	1.59	21378.0

200 uređaja

Results Graph

Response Time Graph

100 uređaja

Results Graph

Response Time Graph
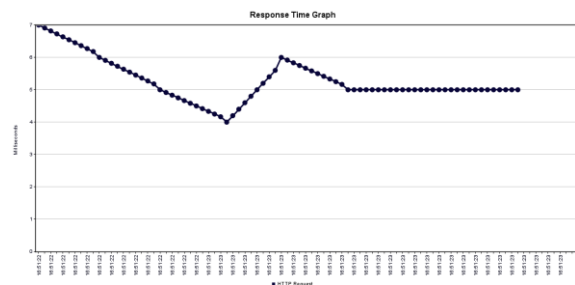

50 uređaja

Results Graph

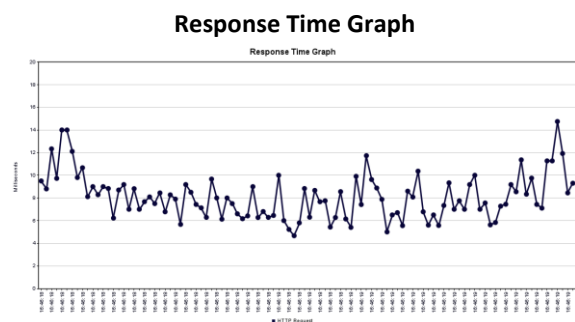**Response Time Graph**
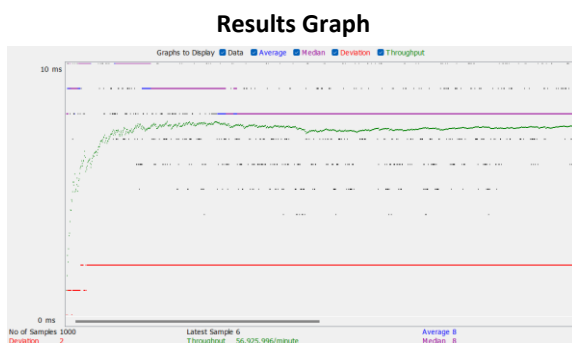

10 uređaja

Results Graph

Response Time Graph

4.) Dobavljanje potrošene energije iz baterije (zadnjih 6 sati)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1000	8	4	23	2.45	0.00%	948.8/sec	401.19	162.14	433.0
500	5	3	11	1.20	0.00%	497.0/sec	210.16	84.94	433.0
100	5	4	9	0.69	0.00%	100.5/sec	42.50	17.18	433.0
10	5	4	7	0.78	0.00%	11.1/sec	4.68	1.89	433.0

1000 uređaja

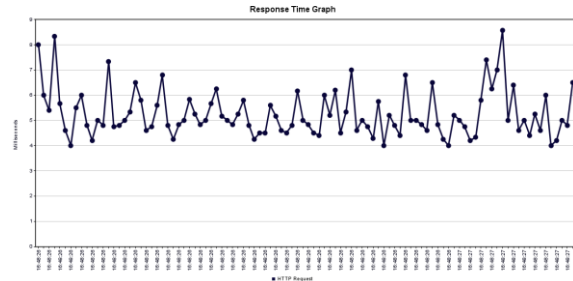**Results Graph**

Response Time Graph

500 uređaja

Results Graph

Response Time Graph
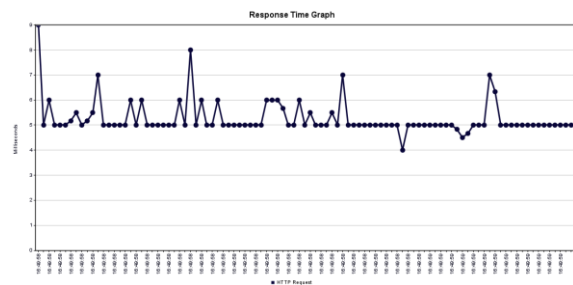

100 uređaja

Results Graph

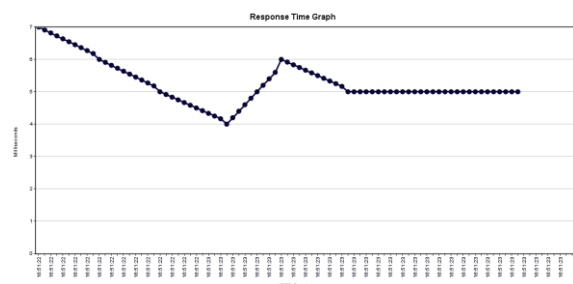### Response Time Graph

10 uređaja
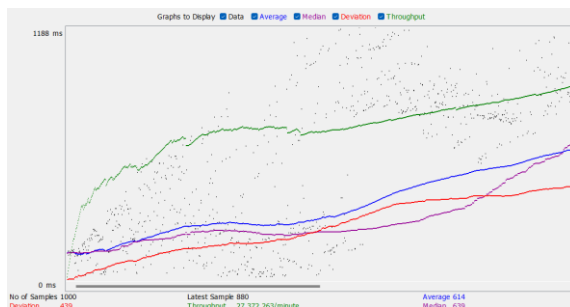
Results Graph

Response Time Graph

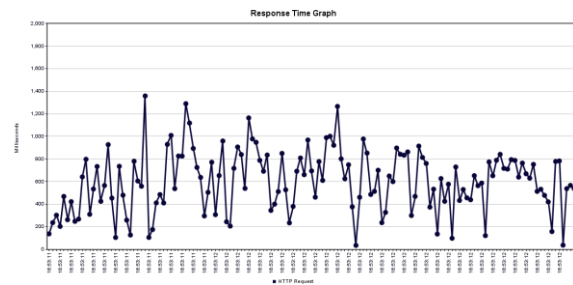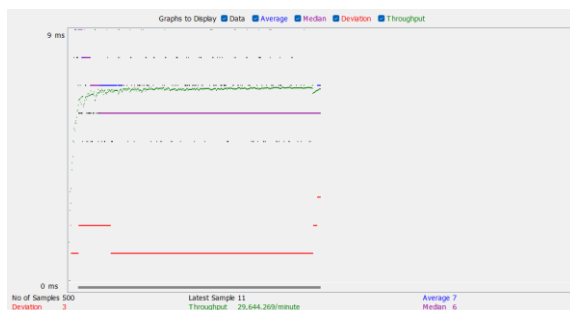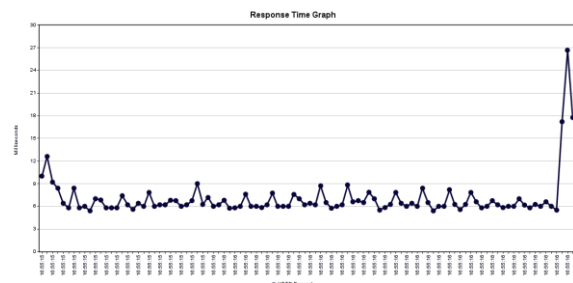5.) Dobavljanje energije uzete iz mreže (zadnjih 6 sati)

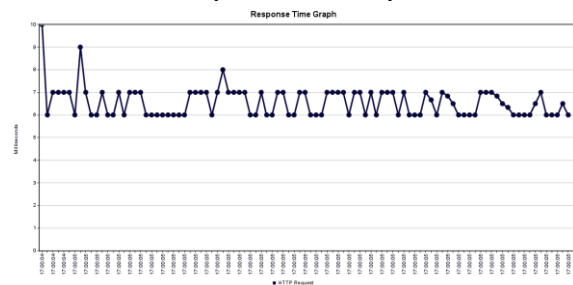| Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1000	614	16	2031	439.93	0.00%	456.2/sec	5243.23	73.51	11769
500	7	5	34	3.26	0.00%	491.1/sec	5633.09	79.61	11675.0
100	6	6	10	0.67	0.00%	100.6/sec	1123.93	16.21	11440.0
10	7	6	17	3.16	0.00%	11.0/sec	121.89	1.77	11346.0

1000 uređaja

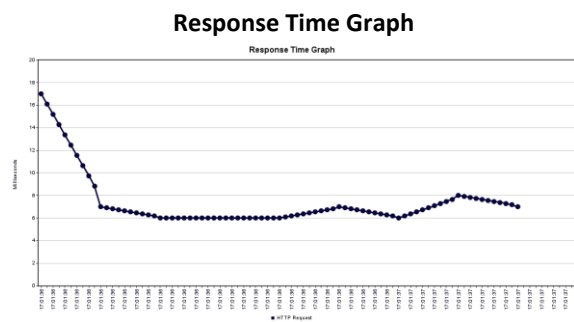## 500 uređaja

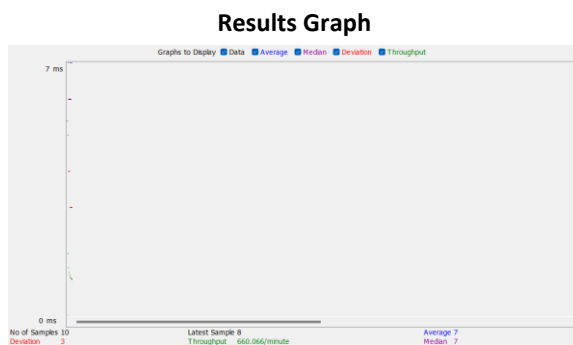## 100 uređaja

10 uređaja

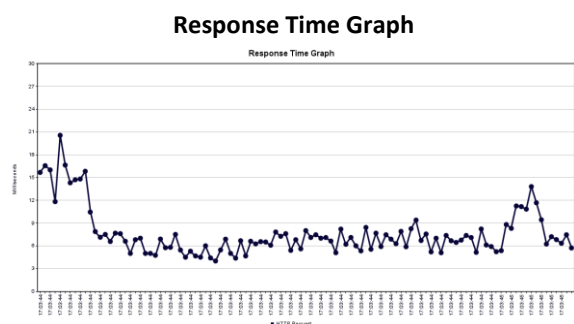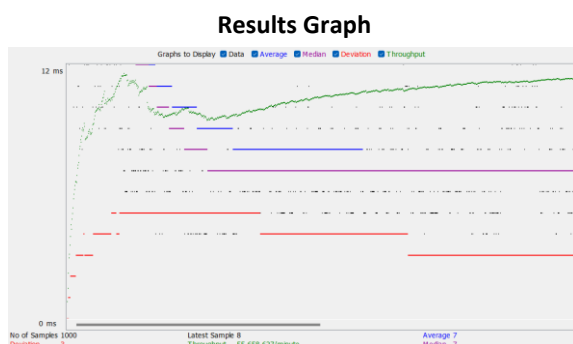| Results Graph	Response Time Graph

6.) Dobavljanje potrošene energije iz baterije (zadnjih 12 sati)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1000	7	4	33	3.60	0.00%	927.6/sec	392.26	159.44	433.0
500	4	3	10	1.04	0.00%	496.0/sec	209.75	85.26	433.0
100	5	4	9	0.66	0.00%	100.4/sec	42.45	17.26	433.0

1000 uređaja

Results Graph	Response Time Graph

500 uređaja

Results Graph	Response Time Graph

100 uređaja

Results Graph	Response Time Graph
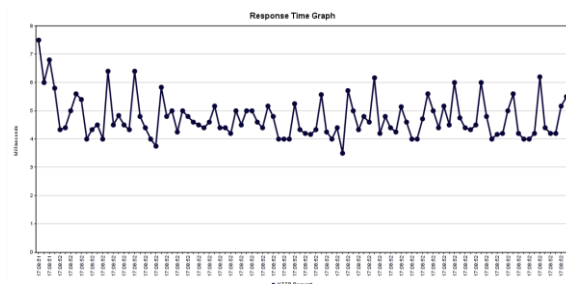
7.) Dobavljanje energije uzete iz mreže (zadnjih 12 sati)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1000	103	8	494	92.35	0.00%	645.6/sec	17533.99	104.65	27812.0
500	10	7	23	2.62	0.00%	492.1/sec	13321.04	79.78	27718.0
100	8	7	11	0.66	0.00%	100.1/sec	2704.95	16.23	27671.0

1000 uređaja

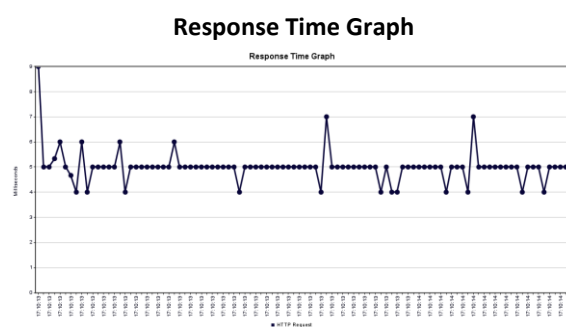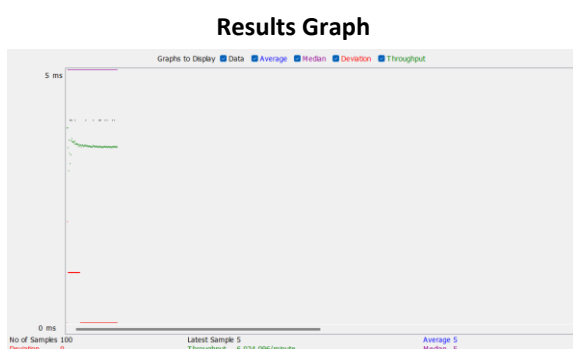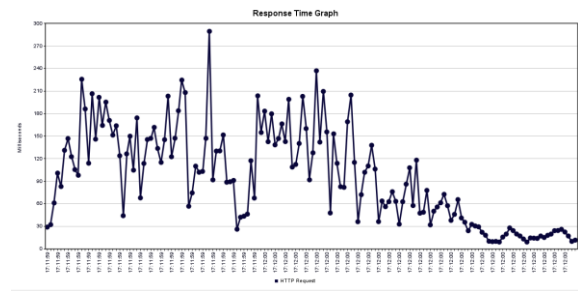| Results Graph	Response Time Graph

500 uređaja

Results Graph   **Response Time Graph**

100 uređaja
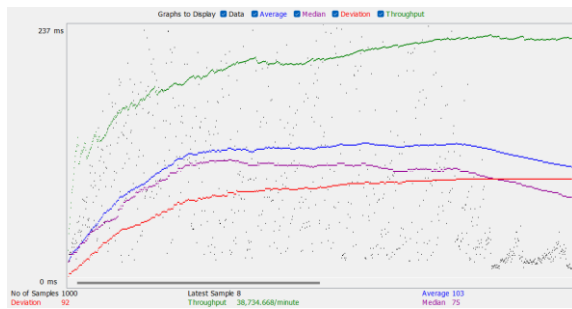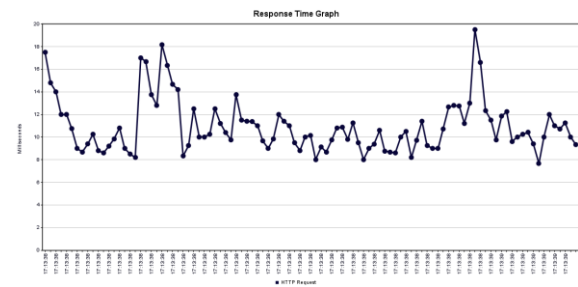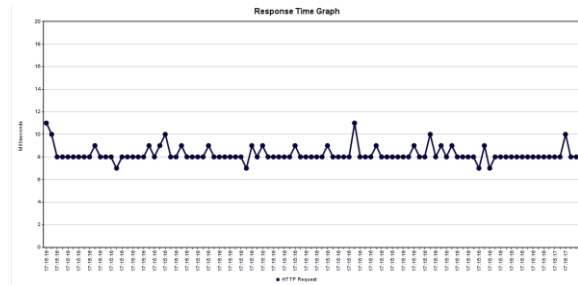
Results Graph   **Response Time Graph**

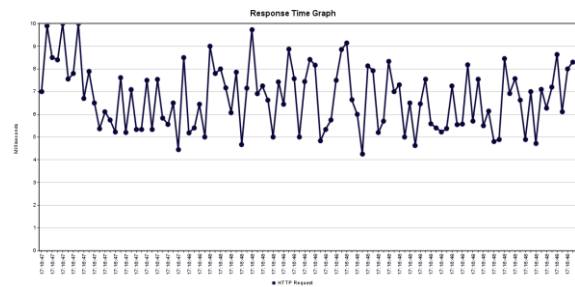8.) Dobavljanje potrošene energije iz baterije (zadnjih 24 sati)

Sample s	Average	Min	Max	Std. Dev.	Error %	Throug hput	Receive d KB/sec	Sent KB/sec	Avg. Bytes
1000	6	4	14	1.87	0.00%	976.6/sec	412.94	167.85	433.0
500	4	3	18	1.25	0.00%	494.6/sec	209.13	85.00	433.0
100	5	4	8	0.75	0.00%	100.5/sec	42.50	17.27	433.0

1000 uređaja
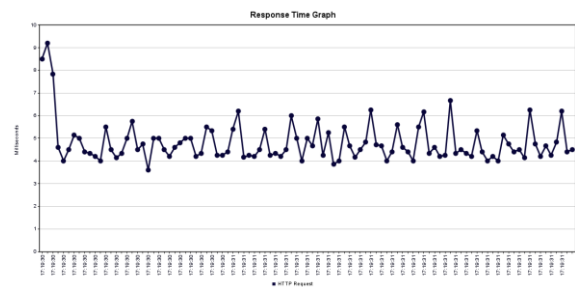
500 uređaja
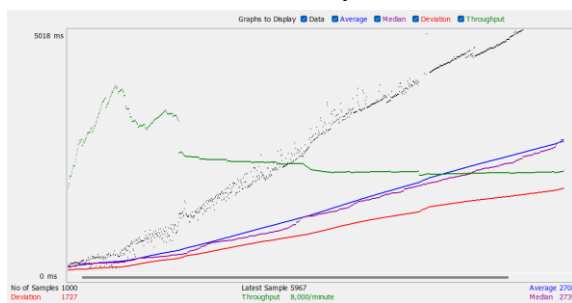

100 uređaja
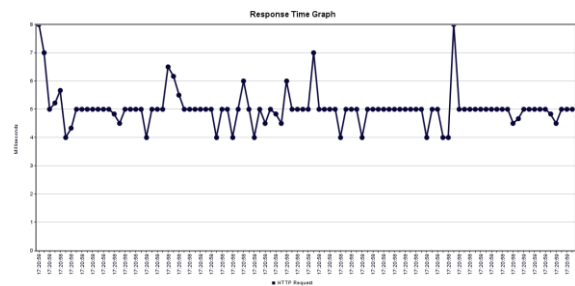
9.) Dobavljanje energije uzete iz mreže (zadnjih 24 sati)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1000	2708	33	7143	1727.54	0.00%	133.3/sec	7968.94	21.61	61201.5
500	23	14	61	6.65	0.00%	461.3/sec	27541.13	74.77	61120.0
100	11	10	16	0.95	0.00%	99.5/sec	5934.49	16.13	61073.0

1000 uređaja

Results Graph	Response Time Graph
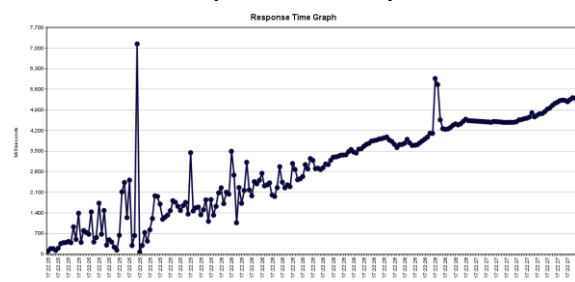
500 uređaja

Results Graph	Response Time Graph
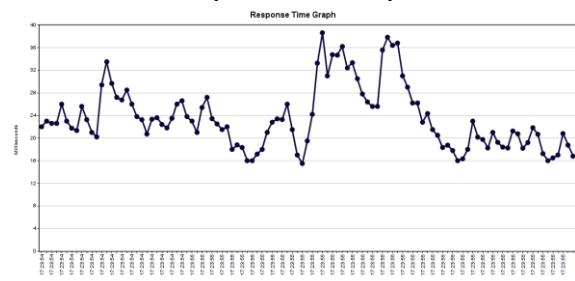
100 uređaja
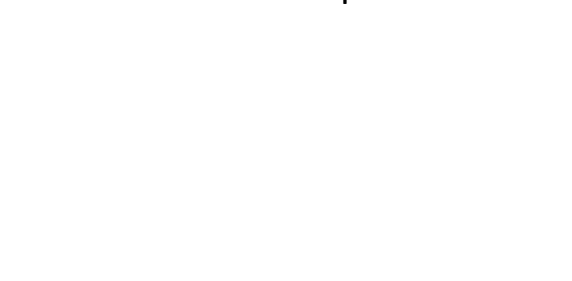
Results Graph	Response Time Graph
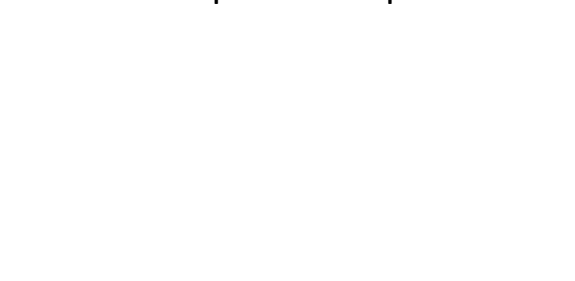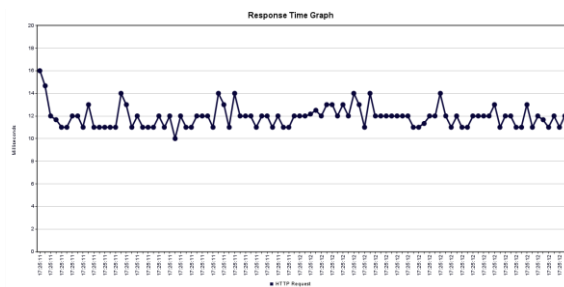
10.) Dobavljanje energije uzete iz mreže (zadnjih nedelju dana)

Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1000	1844	793	2816	352.80	0.70%	334.6/sec	141.73	56.20	433.8
500	10	5	42	5.58	0.00%	493.6/sec	208.71	82.91	433.0
100	5	5	9	0.69	0.00%	100.5/sec	42.50	16.88	433.0

<u>1000 uređaja</u>

Results Graph   **Response Time Graph**

<u>500 uređaja</u>

Results Graph   **Response Time Graph**

100 uređaja

Results Graph

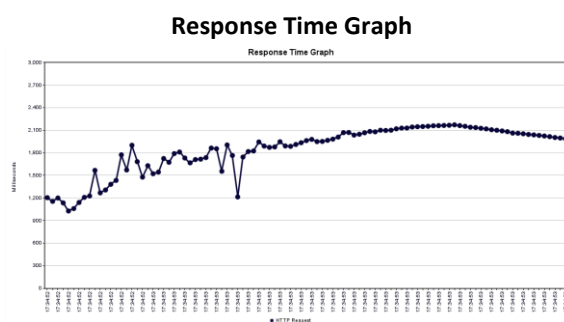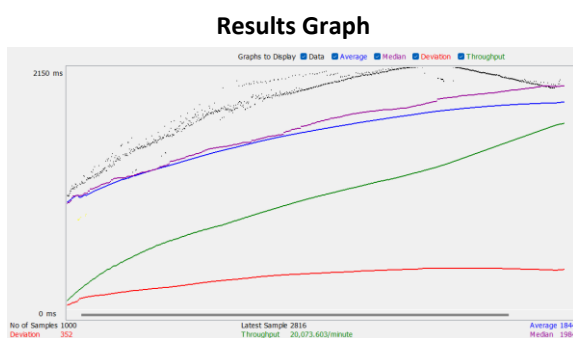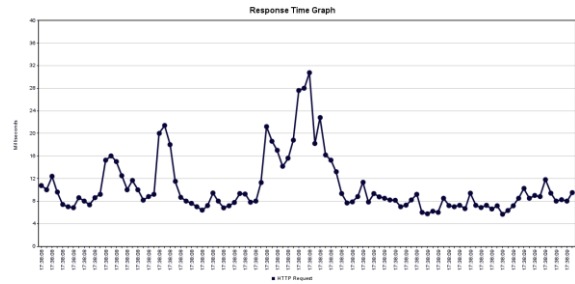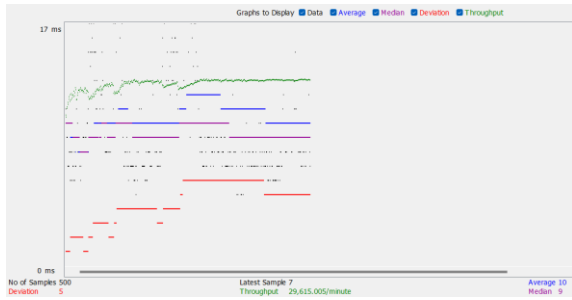**Response Time Graph**