Project"AT-2"

Test result report

Performed by Nikita Zenchik

Operating system: Ubuntu (64-bit).
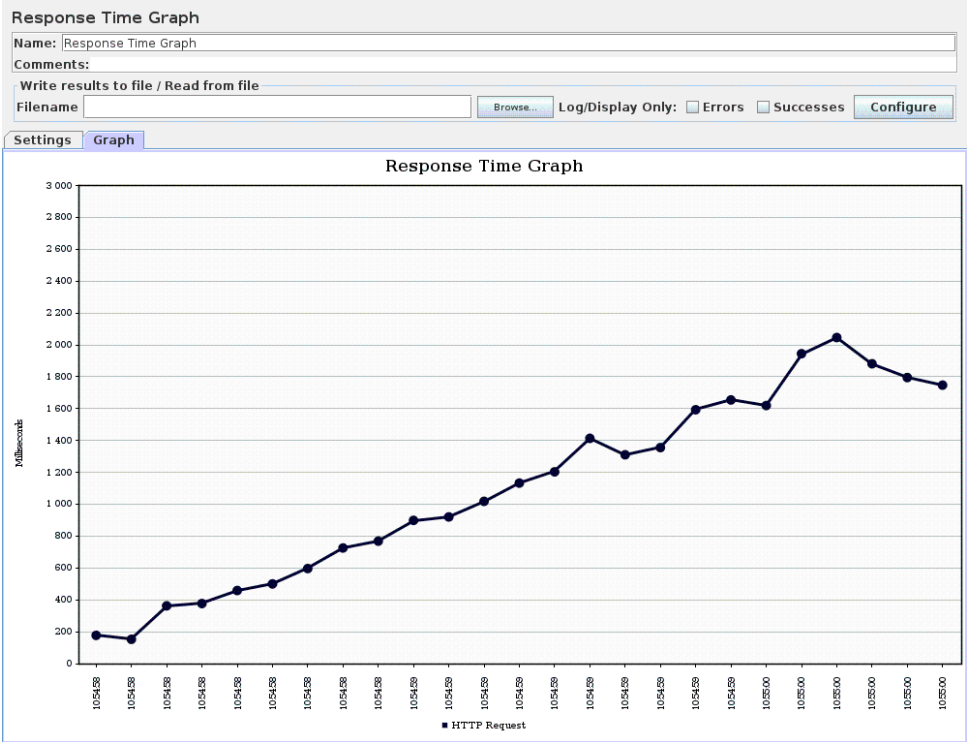Web server: Apache.
Relational database management system: MySQL.
Runtime: PHP.
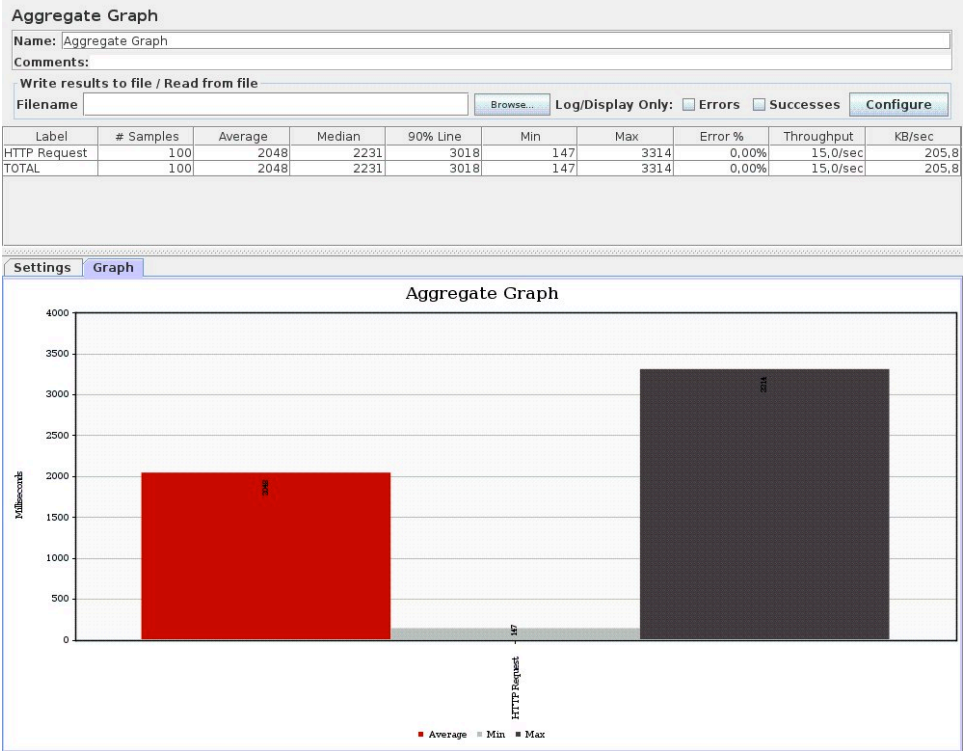Content management system: WordPress.
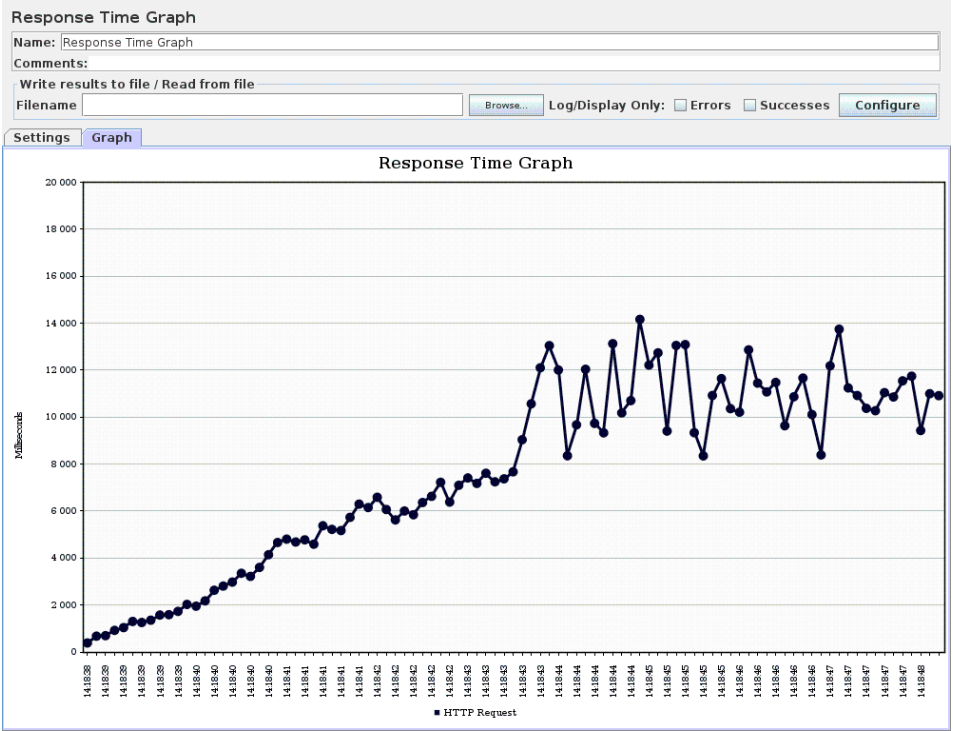Test perform software: Apache JMeter.

Users – 100, time 1 second.

Graphic №1 response time.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
HTTP Request	100	2048	2231	3018	147	3314	0,00%	15,0/sec	205,8
TOTAL	100	2048	2231	3018	147	3314	0,00%	15,0/sec	205,8

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.

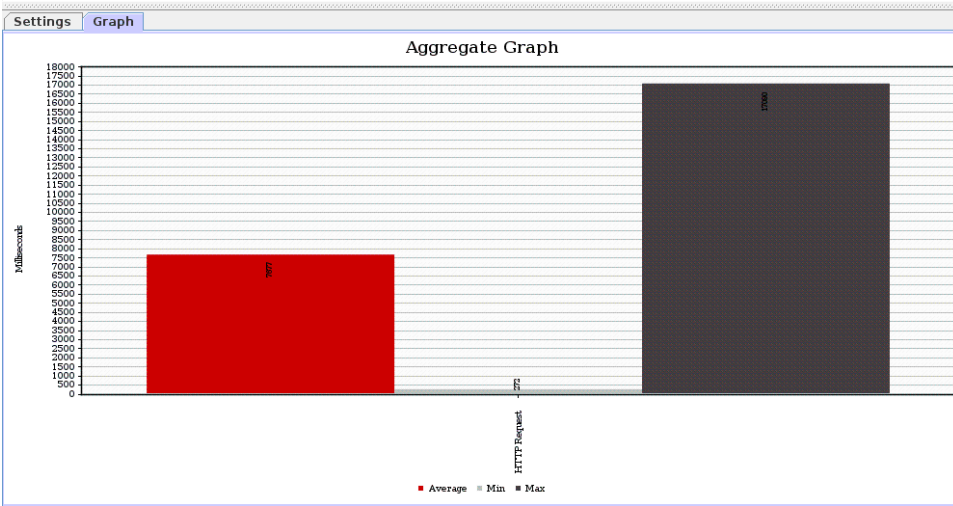Users – 500, time 1 second.

Graphic №1 response time.

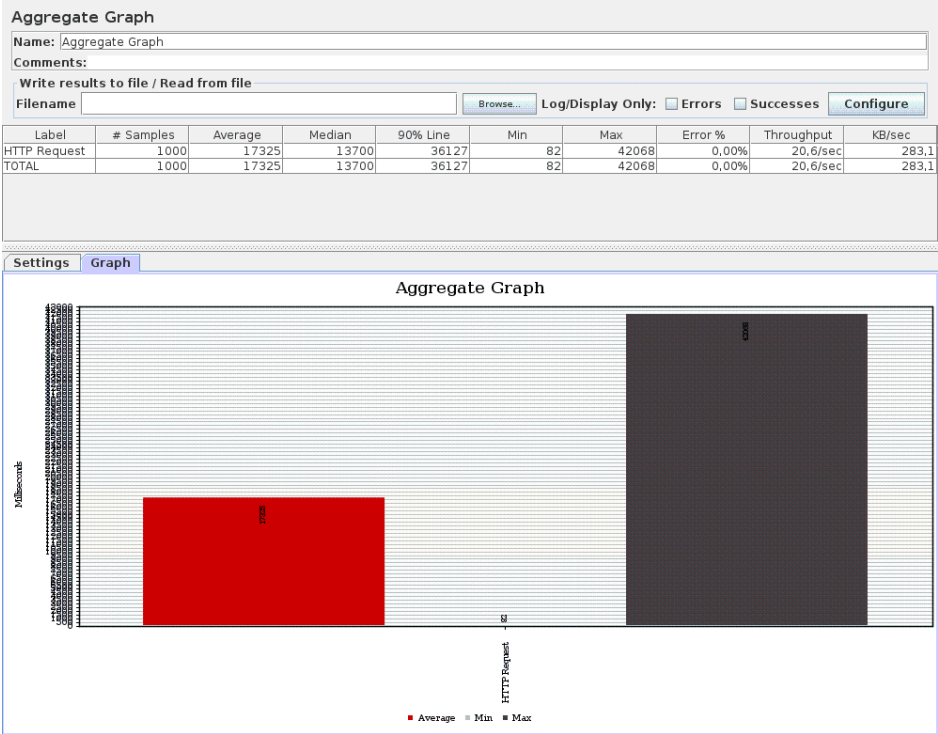| Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
HTTP Request	500	7677	7759	13937	272	17090	0,00%	22,5/sec	308,1
TOTAL	500	7677	7759	13937	272	17090	0,00%	22,5/sec	308,1

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.
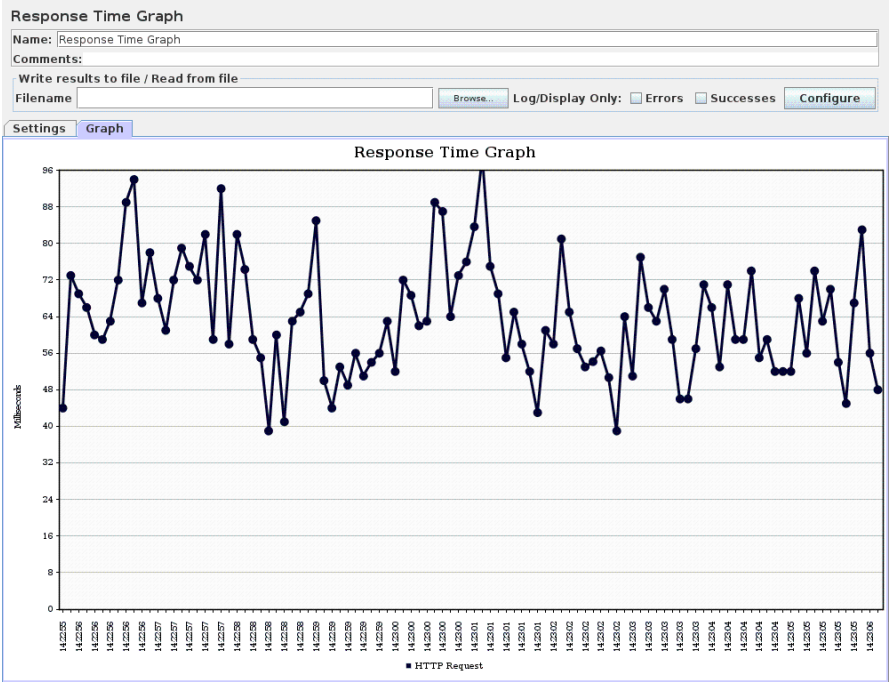
Users – 1000, time 1 second.
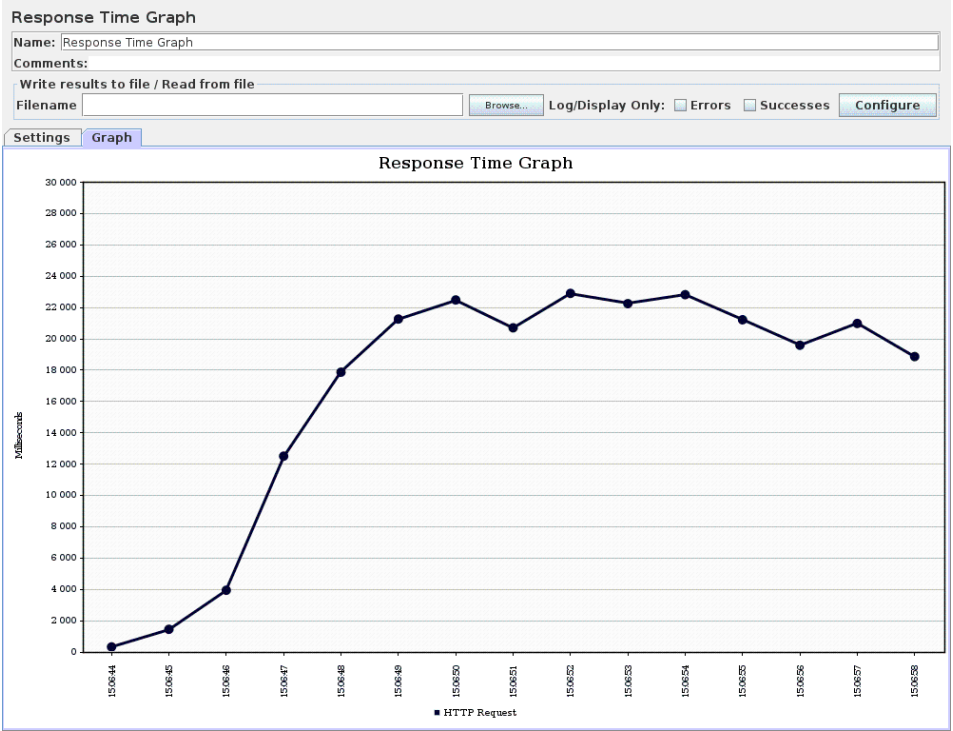
Graphic №1 response time.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
HTTP Request	1000	17325	13700	36127	82	42068	0,00%	20,6/sec	283,1
TOTAL	1000	17325	13700	36127	82	42068	0,00%	20,6/sec	283,1

Graphic №2. Red – average response time, gray –minimal response time, black –
maximum response time.

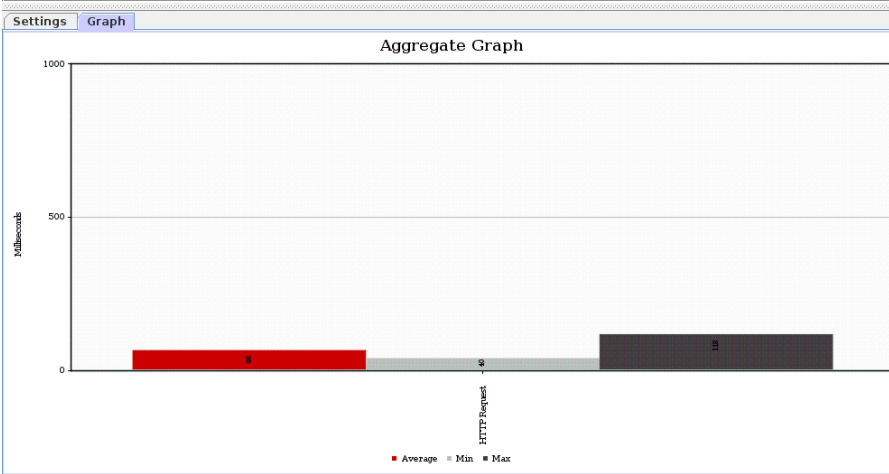Users – 100, time 10 second.

Graphic №1 response time.
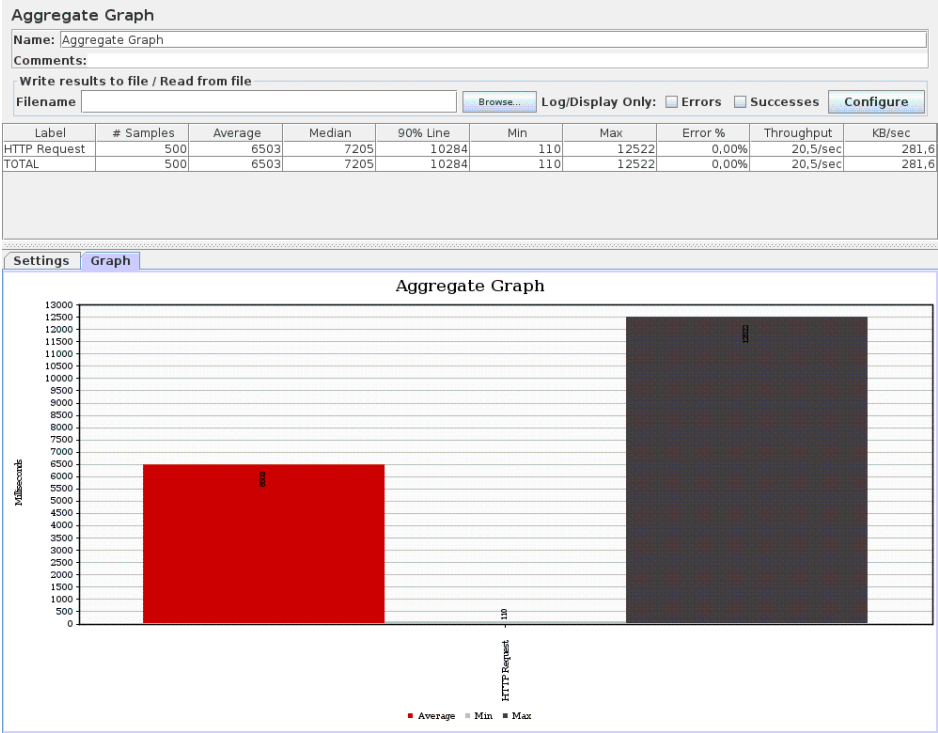

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.
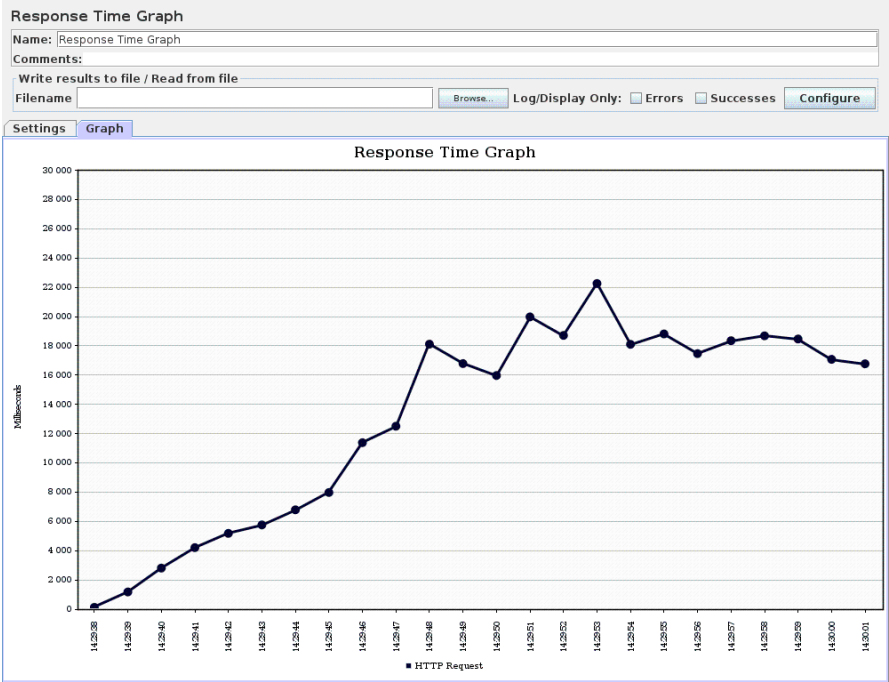
Users – 500, time 10 second.
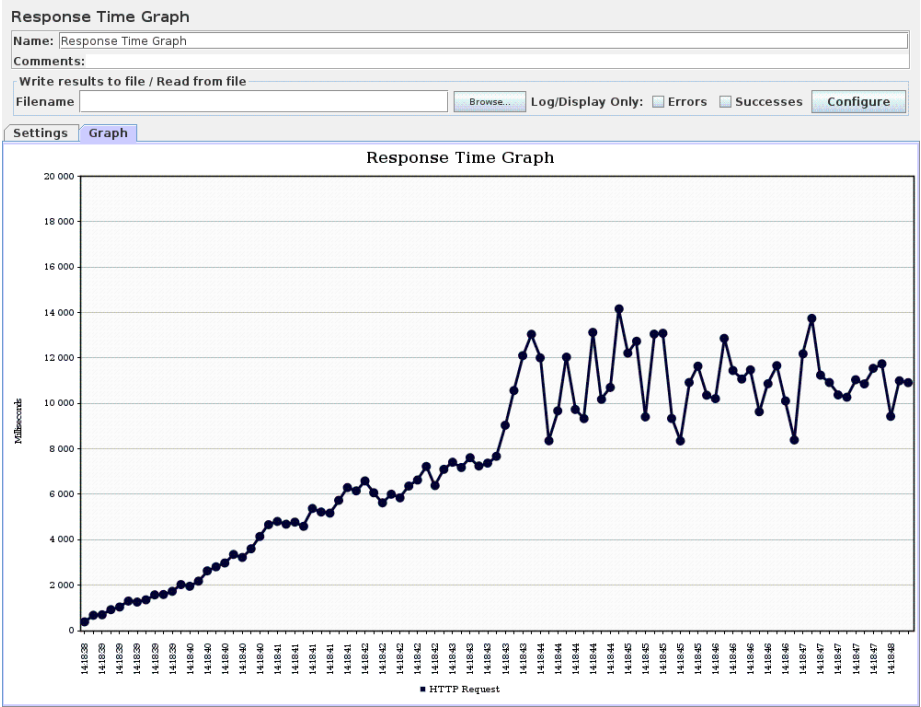
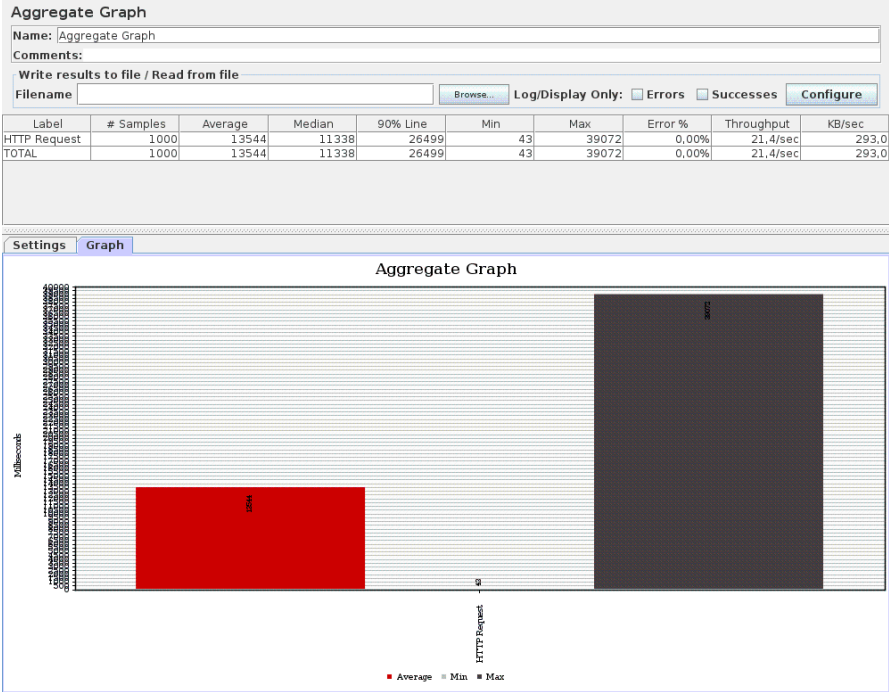Graphic №1 response time.

Graphic №2. Red – average response time, gray –minimal response time, black –
maximum response time.

Users – 1000, time 10 second.

Graphic №1 response time.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
HTTP Request	1000	13544	11338	26499	43	39072	0,00%	21,4/sec	293,0
TOTAL	1000	13544	11338	26499	43	39072	0,00%	21,4/sec	293,0

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.

Users – 5000, time 10 second.

Graphic №1 response time.

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.
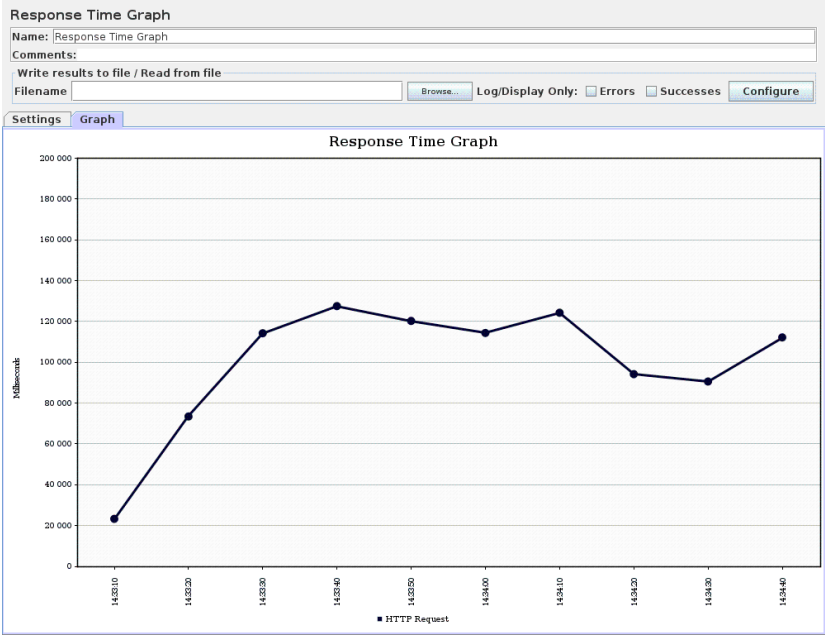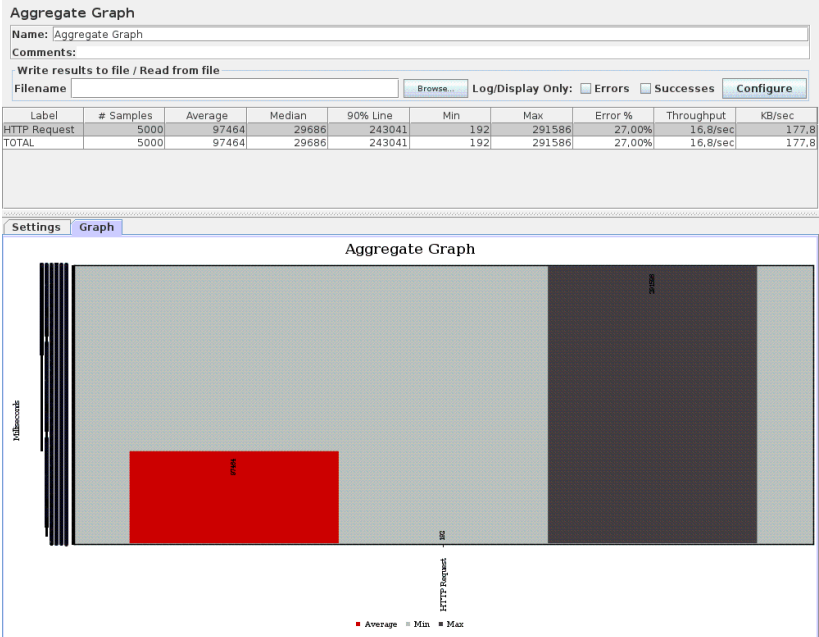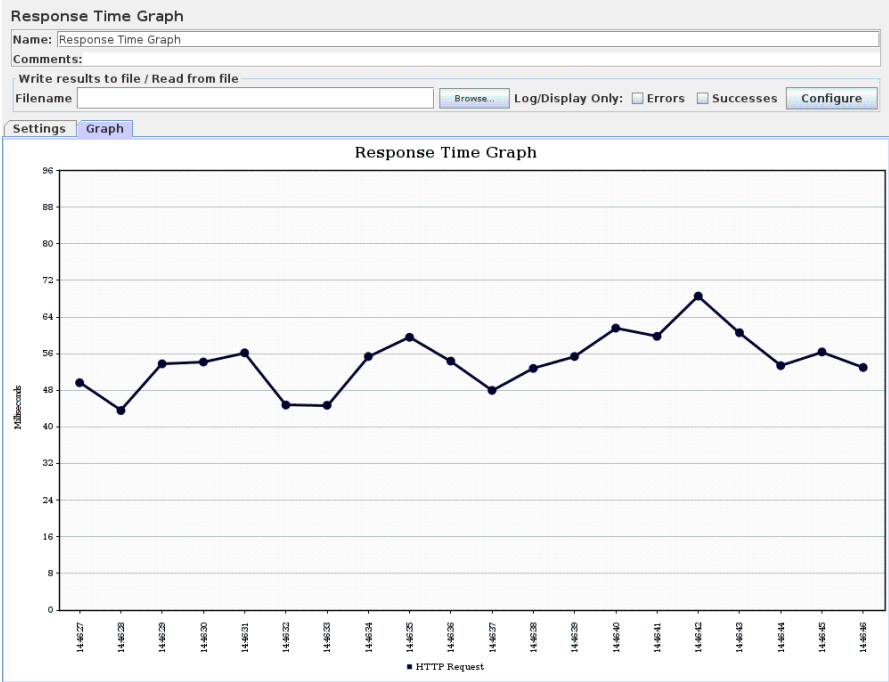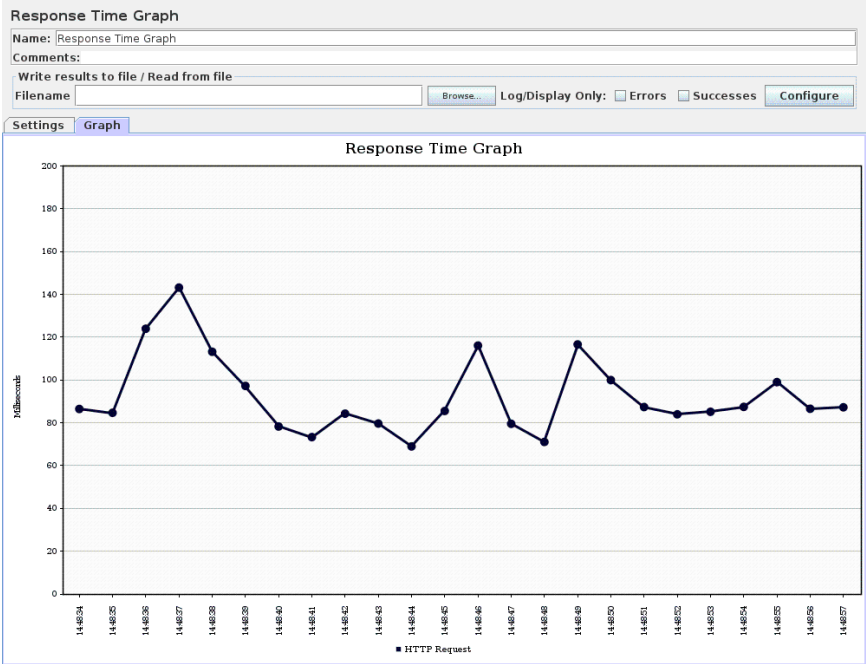
Users – 100, time 20 second.

Graphic №1 response time.

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.

Users – 500, time 20 second.

Graphic №1 response time.

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.

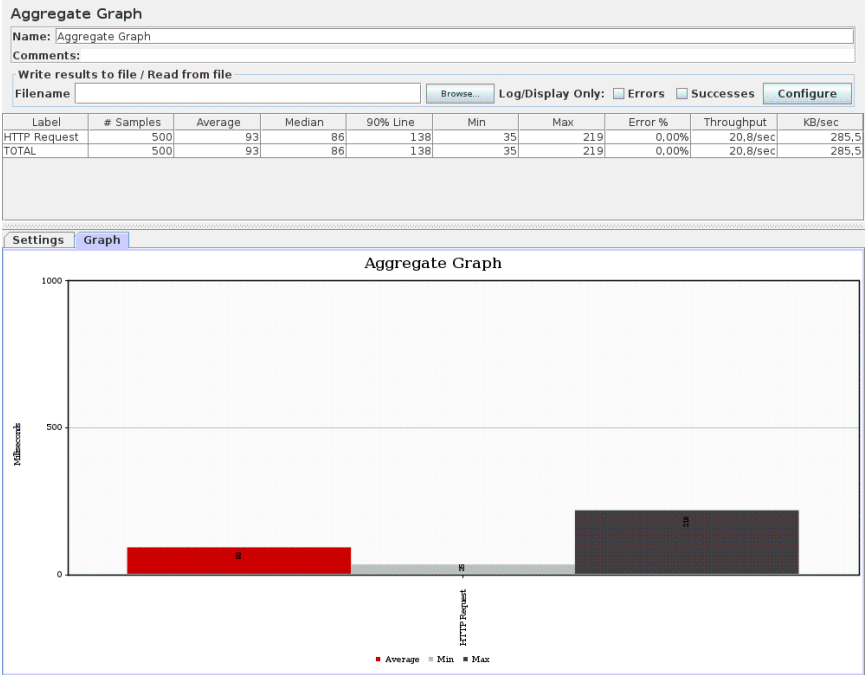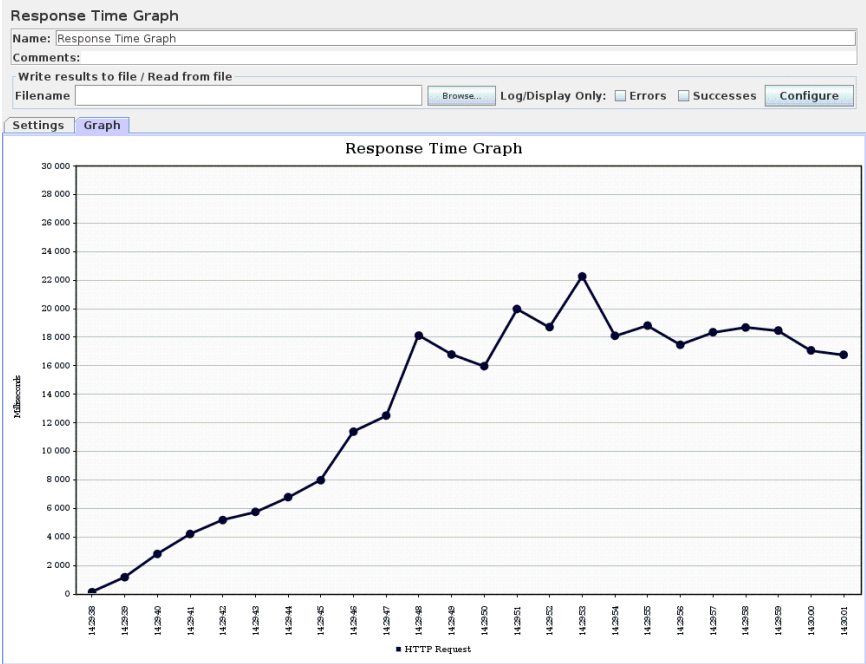Users – 1000, time 20 second.

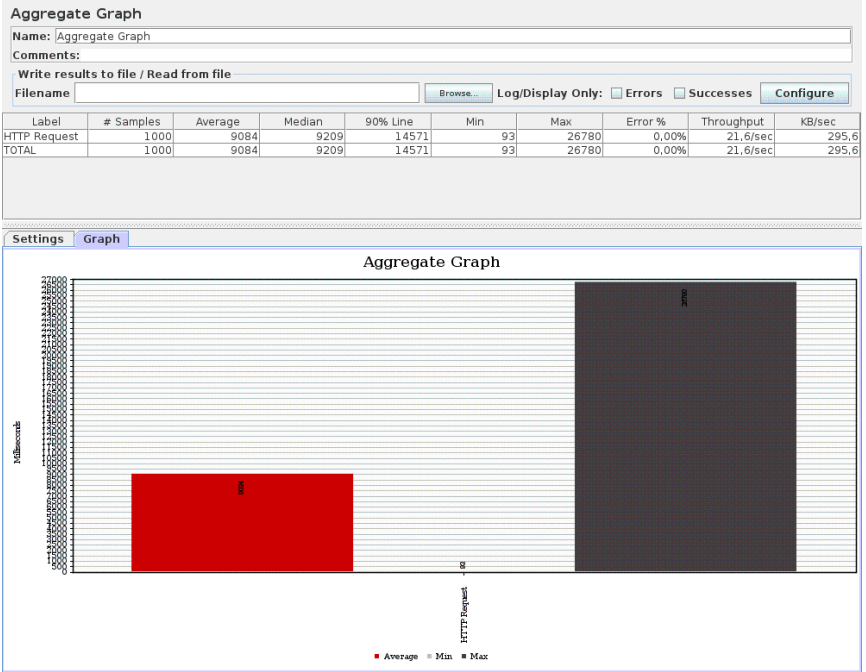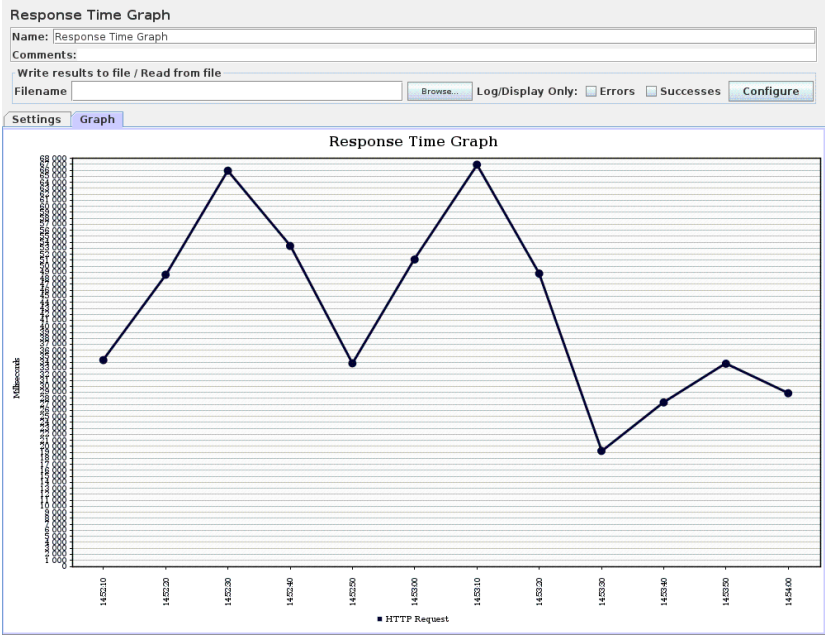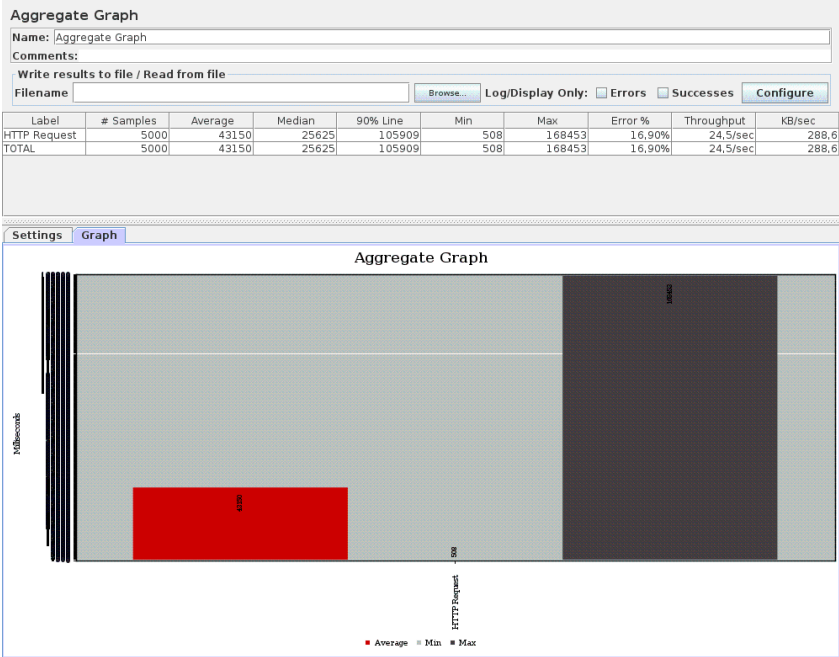Graphic №1 response time.

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.

Users – 5000, time 20 second.

Graphic №1 response time.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
HTTP Request	5000	43150	25625	105909	508	168453	16,90%	24,5/sec	288,6
TOTAL	5000	43150	25625	105909	508	168453	16,90%	24,5/sec	288,6

Graphic №2. Red – average response time, gray –minimal response time, black – maximum response time.

Conclusion:
Test results show problems with responsing to users after simultaneous requests of 3500 with in 10 seconds time period. 27% errors with responsing to users.

Recommendation:
Upgrade server performens.