Maximum number of recipients
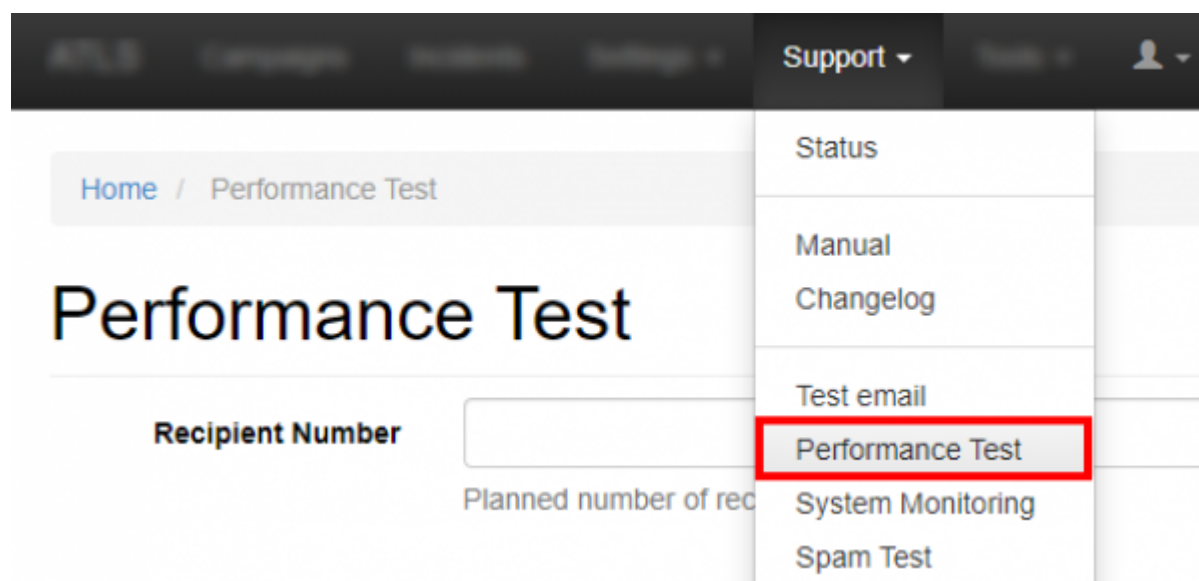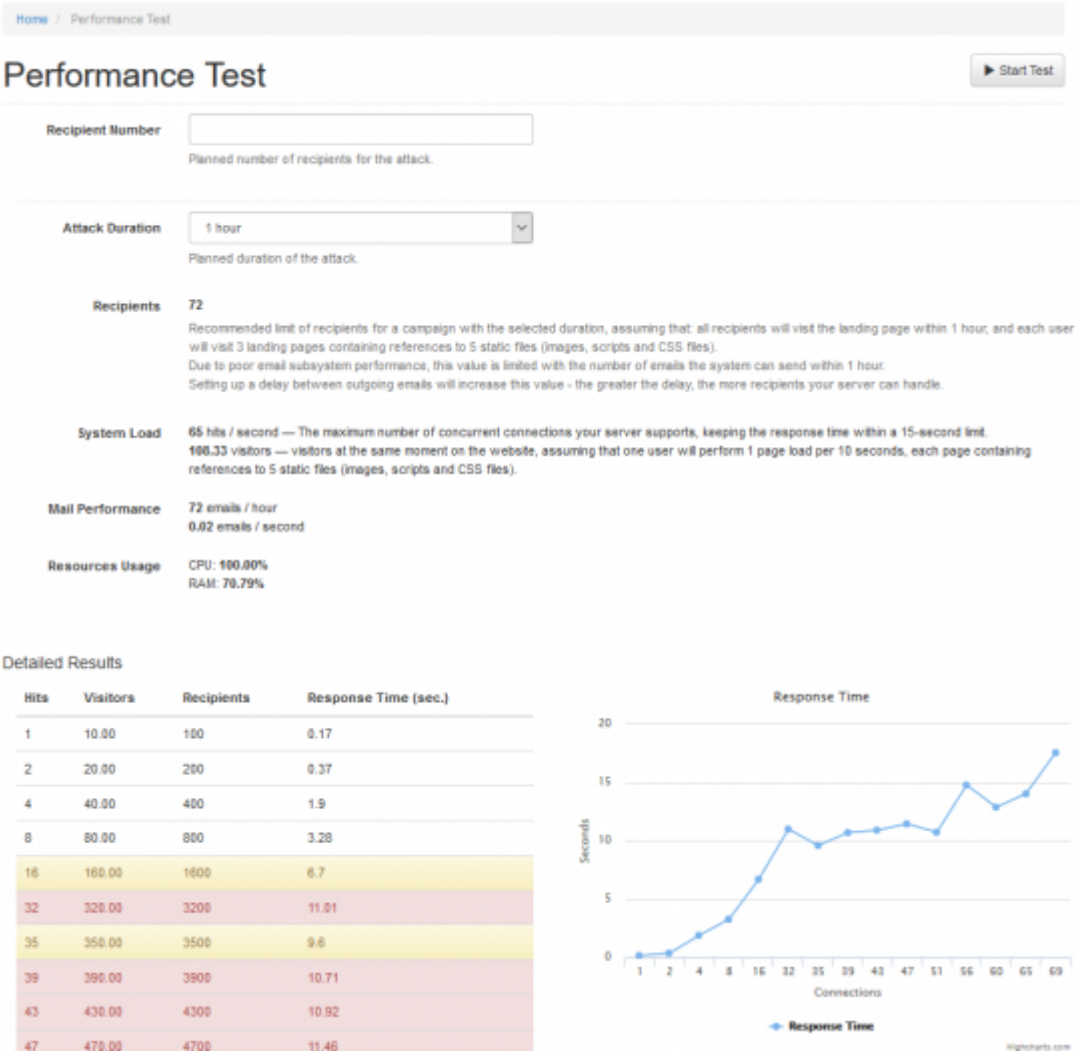
LUCY is designed to work with over 500'000 parallel recipients on one instance. This will require a hardware with sufficient RAM & CPU.

Test your instance

If you are not sure if your hardware meets the campaign requirements you can run the build in test module. It allows you to run a performance test in order to verify if your hardware can handle the amount of recipients. It will also check the Campaign Settings.

Once the test has finished, you can see the detailed report which will tell you, how many recipients your sever is able to handle within reasonable time frames.

Home / Performance Test

Performance Test

▶ Start Test

Recipient Number

Planned number of recipients for the attack.

Attack Duration | 1 hour

Planned duration of the attack.

Recipients 72
Recommended limit of recipients for a campaign with the selected duration, assuming that: all recipients will visit the landing page within 1 hour; and each user will visit 3 landing pages containing references to 5 static files (images, scripts and CSS files).
Due to poor email subsystem performance, this value is limited with the number of emails the system can send within 1 hour.
Setting up a delay between outgoing emails will increase this value - the greater the delay, the more recipients your server can handle.

System Load 65 hits / second — The maximum number of concurrent connections your server supports, keeping the response time within a 15-second limit.
108.33 visitors — visitors at the same moment on the website, assuming that one user will perform 1 page load per 10 seconds, each page containing references to 5 static files (images, scripts and CSS files).

Mail Performance 72 emails / hour
0.02 emails / second

Resources Usage CPU: **100.00%**
RAM: **70.79%**

Detailed Results

Hits	Visitors	Recipients	Response Time (sec.)
1	10.00	100	0.17
2	20.00	200	0.37
4	40.00	400	1.9
8	80.00	800	3.28
16	160.00	1600	6.7
32	320.00	3200	11.01
35	350.00	3500	9.6
39	390.00	3900	10.71
43	430.00	4300	10.92
47	470.00	4700	11.46

Note: Perfomance Test might take a while, so be patient and avoid using the LUCY server during the test.

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