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Speed test services

An average user usually remembers these services only when problems occur. Possible sources of issues include:

- low tariff speed, the subscriber has reached the “ceiling”
- problems in the operator’s network
- uplink problems (including unstable operation of a service required by the subscriber)
- weak Wi-Fi

All these issues can be identified using DPI statistics metrics or network monitoring data.

To obtain a data export, you can use a ready-made query that takes into account usage of the most popular services. If you want to add a new service, specify it in the query.

```
https://www.speedtest.net/  
internet.yandex.ru  
https://2ip.ru/speed/  
https://internetometer.ru/  
https://speedtestt.ru/  
https://rt-internet.ru/proverit-skorost  
https://skoromer.ru/  
https://www.bandwidthplace.com/
```

It is recommended to work with subscribers from the export who visit sites from the list 3 or more times per week. To do this, you can:

- export data daily to your own IS via API or directly from ClickHouse QoE, and apply filters there;
- create a trigger in the GUI with specified parameters;
- achieve more accurate results when combined with competitor-related queries.

Example of a query filter for the GUI:

```
match host  
(?i)(\W|^)(speedtest|2ip.ru|fast.com|internetometer.ru|speedtestt.ru|rt-  
internet.ru|skoromer.ru|www.bandwidthplace.com)(\W|$)
```

```
(?i)(\W|^)(speedtest|2ip|nperf|internetometer|bandwidthplace.com|test.byfly.  
by|skoromer.ru)(\W|$)
```

Example of a database query:

[Download the script here](#)

Run `sh subs_speedtest_sample.sh`

Script parameters:

`format="CSV"` — output format. Default is CSV. Available formats:

<https://clickhouse.com/docs/en/interfaces/formats/>

`periodSecs=24*3600` — period in seconds. Default is 24 hours

hostsMatch="(?i)(\W|)(speedtest.net|internet.yandex.ru|2ip.ru|internetometer.ru|speedtestt.ru|rt-internet.ru|skoromer.ru| — regular expression for searching by multiple hosts