

I. REQUIREMENTS

In order to run Cloud Speed Test engine without any troubles, you need to meet the requirements:

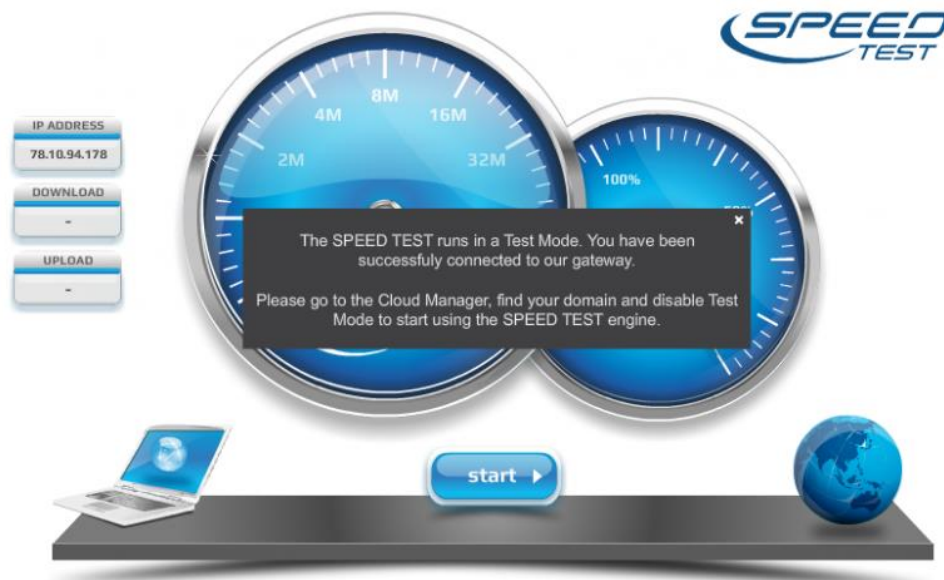
- for download, upload and latency tests - standard hosting server with PHP interpreter and the domain/subdomain configured in license details (for example mydomain.com) must point to the server,
- for socket version of the above tests and VoIP test - Linux / FreeBSD (a root access is required to run Python server and Python 2.7 is required),

Need help with the setup? [Contact us](#).

II. BASIC SETUP

Basic setup includes a few simple steps to run Cloud Speed Test engine:

1. Download and unzip the package <http://www.v-speed.eu/download/speedtest.zip> on your local computer.
2. Copy all the unzipped files and directories into your ftp server which is connected with your domain (mydomain.com) where the application should be installed.
3. There are two ways to use the Cloud Speed Test engine:
 - via automatically installed and configured CMS - just go to <http://mydomain.com/> to begin the installation process
 - directly without CMS - go to <http://mydomain.com/speedtest/>; you can modify the /speedtest directory and index.php file according to your preferences of course;
4. The application in the browser should display Test Mode info shown below:



This means that application is successfully connected with Cloud Managing System. Go to licenses now, select your domain and uncheck Test Mode for disabling the info.

Important: If the Test Mode info does not appear while first run of application, there is a problem in connection to Cloud Manager gateway OR domain name given in Cloud Manager

license details is incorrect. Go to [license details](#) and check it.

Basic setup of the engine is finished now. You can use download and upload tests forever for free. But first have a look into the [Speed Test Config](#) available in added license details and adjust the parameters according to your preferences. You can also enable 10-day trial mode (all options available) for the domain if you did not do it yet. But before this, follow the ADVANCED SETUP instructions bellow to meet all the engine requirements.

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III. ADVANCED SETUP

To perform ADVANCED SETUP you must have a root user access to your Linux / FreeBSD. You need to follow instructions in this point if you want to use the Socket Engine and VoIP Test. Run as root the Python server attached to the package. The basic command to do this is:

```
python tcpserver.pyc -d 1 -l 0
```

The server runs by default on 8080 TCP port for download, upload and bandwidth tests. For the VoIP Test the server runs on the 22000 TCP port and uses 40000-50000 UDP ports by default. If you need to adjust the settings, run the following command to get more details:

```
python tcpserver.pyc --help
```

This server requires Python 2.7. If your system repository does not suport it, please download latest 2.7 version from <https://www.python.org/downloads/> and build in your system.

Important: Socket Engine and VoIP Test are disabled by default in the trial and license mode. Please enable it in your [license details](#) in the Cloud Manager if you want to use this feature.

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