Installing Official Speedtest CLI by Ookla on Debian Linux

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Category: Networking / Monitoring
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Description

This guide explains how to install the official **Speedtest CLI by Ookla** on a Raspberry Pi 5 running Debian Bookworm. Unlike the legacy `speedtest-cli`, this version offers more accurate and reliable results and is the preferred tool for benchmarking internet speed.

You can get the latest repo here if it changes:

https://www.speedtest.net/apps/cli

Installation Steps

1. Add the Ookla repository

```
curl -s https://packagecloud.io/install/repositories/ookla/speedtest-cli/script.deb.sh | sudo bash
```

2. Install the Speedtest CLI

```
sudo apt install speedtest
```

> Note: If a file conflict occurs with `speedtest-cli`, you may need to rename or uninstall the legacy version.

Usage

To run a test:

```
speedtest
```

Sample output:

```
Speedtest by Ookla

     Server: Contabo - St. Louis, MO
        ISP: Spectrum
    Latency: 34.91 ms
   Download: 29.85 Mbps
     Upload: 39.39 Mbps
```

Notes

- Ookla CLI is installed at: `/usr/bin/speedtest`
- Coexists with `speedtest-cli`, which uses a different backend
- Great for:
  - Spot-checking network health
  - Logging real-world bandwidth over time
  - Comparing ISP performance

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