

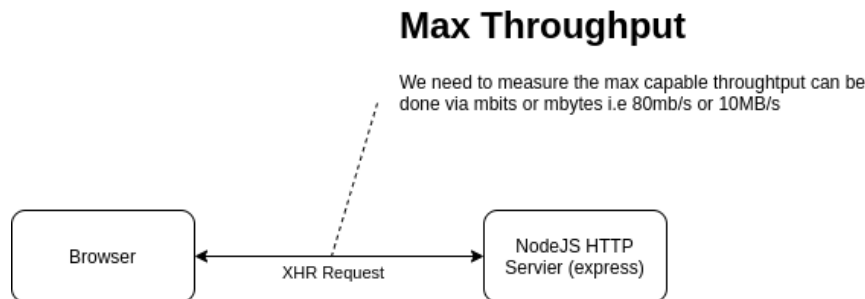
# Internet Speed Tester

## Purpose

The purpose of this task is to implement a basic upload and download speed test using NodeJs and JavaScript with the allowed technologies.

We are testing for innovation and capability with working javascript and using it to interface with backend services. The page does not need to have any ui elements, all output is allowed to be shown via the browser's console or a basic html output.

The **measured speed/traffic must only be between the browser and the backend server using an ajax/xhr request**. No remotely hosted services allowed e.g. "speedtest-net". Results can be displayed in Megabits or megabytes per second



## Background

The page is supposed to represent a simple up and down speed test to allow users to validate the maximum capabilities of their internet connection.

## Example alternative services

- [speedtest.com](https://www.speedtest.com/)
- [fast.com](https://www.fast.com/)

## Completion Time

Estimated 5 - 8 hours for completion.

## Allowed Technologies

NodeJS 14.x  
ES6 Javascript / XMLHttpRequest (No jQuery)

## Suggested Frameworks

- [http://expressjs.com/](https://expressjs.com/)
- Webpack / Parcel -
- Babel - ES6 transpiler

## Output

Please include any reference sites or materials used. The project must be compressed to a single zip file and finished results emailed to [hrdev@vostronet.com](mailto:hrdev@vostronet.com) via <https://vostro.wetransfer.com/>