



NodeJS - Clustering

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We will cover with the following concepts

- 1) How systems scale up?
- 2) Nodejs clustering
- 3) Express Clustering

Horizontal vs Vertical Scaling

Horizontal Scaling-

Increase the capacity by distributing the system i.e add more servers but let them work as a single unit.

Vertical Scaling -

Increase the capacity by adding more resources to the existing system i.e adding more RAM and CPU power.

Cluster module allows you to create child process

All these processes share the same port and hence allowing nodejs to run on multiple threads.

Lets see an example of the same.

Use express cluster for Express applications

→ <https://www.npmjs.com/package/express-cluster>

The next steps are ...

Cloud