



NGINX: Lab : Worker Process

NGINX : Web-Server & Load Balancer

- NGINX default worker process are 1.
- Worker Processes can be defined via directive `worker_processes`.
- This directive is responsible for letting our virtual server know how many workers to spawn once it has become bound to the proper IP and port(s).
- It is common practice to run 1 worker process per core CPU.
- Anything above 1 Process per CPU won't hurt your system, but it will leave idle processes usually just lying about.
- Worker process directive belongs to Global Context.

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- **Worker Connection:** This directive tells our worker processes how many people can simultaneously be served by Nginx.
- This is the child of Events Context.
- The default value is 768; however, considering that every browser usually opens up at least 2 connections/server, this number can half.
- User can check our core's limitations by issuing a ulimit command:
ulimit -n
- `worker_connections 1000` - This means, NGINX can server 1000 clients/second.

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The marker is positioned at the end of the exclamation mark, and the hand is visible on the right side of the frame.

See you in next lecture ...