NGINX: Lab : Worker Process

➤ **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.

NGINX : Web-Server & Load Balancer

➤ **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.

See you in next lecture …