

Read the [Linux Academy Oath](#) from Sam Kroonenburg, our CEO.

Start Challenge



100%

Fine Tuning NGINX for Performance

1. How can keepalive connections improve performance?



- A Reduced network congestions by limiting the number of TCP connections needed.
- B By preventing repeat handshakes between clients and NGINX.
- C By preventing a new connection handshake between NGINX and upstream servers.
- D All of these choices.**

Correct Answer: D

Why is this correct?

NGINX keepalives can provide all of these benefits. We discuss keepalives in [this video](#).

2. What directive would you use to allow NGINX to decompress content from a proxied server?



- A The **unzip** directive.
- B None of these choices.
- C The **gzip** directive.
- D The **gunzip** directive.

Correct Answer: D

Why is this correct?

Since some clients can't receive gzipped results, NGINX may need to be able to decompress the response from a proxied server to serve that content. We look into content compression and decompression in [this video](#).

3. What value should you use for `worker_processes` to maximize performance?



- A auto
- B 4
- C 2
- D 1

Correct Answer: A

Why is this correct?

It is best to set the number of worker processes to match the number of CPU cores available, and the `auto` value does that. We looked at configuring processes and connections in [this video](#).