LU04c - Scale an App in K8s

Goals

- 1. I'm able to explain what's the purpose of scaling an app.
- I'm able to explain the term horizontal and vertical scaling.
- 3. I'm able to explain the term Replicaset.
- 4. I'm able to scale up or down a deployment with a K8s service.
- 5. I'm able to test/verify a scaled K8s service.
- 6. I'm able to query relevant information on scaled pods and services in a K8s cluster.
- 7. I can suggest and implement at least one measure when an error message appears.

Basics

This video demonstrates how to scale an app in Minikube running on a AWS EC2 Instance.

Exercises

- 1. Read some background information before starting the exercise
- 2. Watch again the video cast.
- 3. Deploy and scale app in YOUR K8s cluster.
- 4. Memorize the procedure. It will become handy for future exercises.

Study case

- Work on 06/02_Exercises/01-Exercise.md to 04-Exercise.md located in your repository.
- 2. If an error occurs, read the message carefully, think of a solution and implement it.

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