FILL IN : Lab 3

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Questions from the lab

*In the lab assignment, you’ll see several questions in red boxes. Paste those questions and their respective answers below. Make sure your answer is concise and well-formatted. You may submit this as e.g. a screenshot of a filled-out cell in a copy of the Notion document (e.g. with code, so that code formatting is maintained).*

*k3d version v5.8.3*

*k3s version v1.31.5-k3s1 (default)*

Kubectl Client Version: v1.32.2

Kubectl Kustomize Version: v5.5.0

**Q1 :** Which command did you use to create a cluster with 1 control-plane and 3 workers, using the config file.

**A1 :** k3d cluster create --config k3d.config

**Kubectl commands:**

* **kubectl config get-contexts**
* **kubectl config use-context k3d-k3s-default**
* **kubectl cluster-info**
* **kubectl get nodes**
* **kubectl get pods --all-namespaces**
* **Everything runs and is as expected**

**Q2 :** What's the command to set the default namespace in kubectl?

**A2 :** kubectl config set-context --current --namespace=howest-fastapi-ls

* kubectl create namespace howest-fastapi-ls

**Q3 :**

**A3 :**

Questions to answer for every lab

**What did you learn?**

*Fill in your three take aways that you learned during this lesson.*

* Sdsd

**Givethree interesting exam questions about the contents of the lab and/or the theory**.

*Thinking about this will make sure you remember the key take-aways and important details better and longer.*

* Sdsd

**Check the following:**

* I have made the entire lab assignment (be careful, some labs consist out of two or more Notion documents!).
* I have answered all the questions from the lab assignment.
* I have submitted my code as a zip file and/or as a link to a *public* Git repository.
* <For labs on Azure> I have shut down any resources that are in use, in order to avoid unexpected costs.