

English communication

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Surprise 😊



TOEIC®

3rd lesson : Back to Kubernetes



kubernetes

Practice now !

Mission 1 : Deploy your multi-container application

GOAL : Deploy an application on Kubernetes

Steps :

- 1- Retrieve the vm and configure the proxy : https://minikube.sigs.k8s.io/docs/handbook/vpn_and_proxy/
- 2- On your main host, open a new ssh terminal : ssh -L 3000:localhost:3000 rt@VMIP
- 3- Take a look on the datasheet (you can find all usefull command) : <https://kubernetes.io/docs/reference/kubectl/cheatsheet/>
- 4 – Retrieve the code from git
- 5 – Run minikube : minikube start
- 6 – Create the pod and the service from files : kubectl create -f ...
- 7 – Run the command : kubectl port-forward service/app-service 3000:3000
- 8 – From a browser, try to access to http://localhost:3000
- 9- For the report :
 - Explain what's the goal for each file and give the definition for each parameter of each file
 - Explain the goal of this command : kubectl port-forward service/app-service 3000:3000
 - Give the commands and take a screenshot of the result for : list and describe the pod/service, print log for a container in a specific pod, delete pod and service
- 10 - Send the report to mperochon@gmail.com