**BUILT-IN SCALING**

**Exercise 1: Scaling using Virtual Nodes (20’)**

* Modify scaling/built-in/exercise1.yaml to schedule the deployment on Virtual Nodes
* Make sure to specify the ACI profile (2 cores & 4GB of RAM)
* Deploy your YAML file
* Once the ongoing deployment works, scale it out to 50 replicas and try to figure out the issue you are likely encounter

Notes & references

Here are a few hints that may help you:

* Think about taint & tolerations
* Think about CPU & memory resources
* Kubectl describe will help you understand what’s going wrong
* Make sure to cleanup everything you did during this exercise.

**Exercise 2: Workload-level scaling (20’)**

* Apply scaling/built-in/exercise2.yaml to your cluster
* Check the pod logs and fix the problems using an HPA

Notes & references

* HPAs are documented here https://kubernetes.io/docs/tasks/run-application/horizontal-pod-autoscale/
* Cleanup exercise2.yaml