

Full Stack Blockchain Final Exam - Question 4

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % az aks list -o table
```

Name	Location	ResourceGroup	KubernetesVersion	CurrentKubernetesVersion	ProvisioningState	Fqdn
fullstackcluster	canadacentral	fullstackcluster_group	1.32.5	1.32.5	Succeeded	fullstackcluster-dns-n5qi9egv.hcp.c

```

anadacentral.azmk8s.io
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % az aks get-credentials --resource-group fullstackcluster_group --name fullstackcluster --overwrite-existing
Merged "fullstackcluster" as current context in /Users/aristotle/.kube/config
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get nodes
```

NAME	STATUS	ROLES	AGE	VERSION
aks-agentpool-14965922-vmss000000	Ready	<none>	6m36s	v1.32.5
aks-agentpool-14965922-vmss000001	Ready	<none>	6m36s	v1.32.5

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f aks-store-all-in-one.yaml
```

```

statefulset.apps/mongodb created
service/mongodb created
configmap/rabbitmq-enabled-plugins created
statefulset.apps/rabbitmq created
service/rabbitmq created
deployment.apps/order-service created
service/order-service created
deployment.apps/makeline-service created
service/makeline-service created
deployment.apps/product-service created
service/product-service created
deployment.apps/store-front created
service/store-front created
deployment.apps/store-admin created
service/store-admin created
deployment.apps/virtual-customer created
deployment.apps/virtual-worker created
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get pods | grep store-front
```

NAME	READY	STATUS	RESTARTS	AGE
store-front-6ff78d4f79-7b2kx	0/1	ContainerCreating	0	6s

```

(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get pods | grep store-front
```

NAME	READY	STATUS	RESTARTS	AGE
store-front-6ff78d4f79-7b2kx	1/1	Running	0	73m

```

(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get deploy store-front -o yaml > nonroot-store-front.yaml
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % nano nonroot-store-front.yaml
```

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f nonroot-store-front.yaml
```

```
deployment.apps/store-front-nonroot configured
```

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get pods -l app=store-front -o wide
```

NAME	READY	STATUS	RESTARTS	AGE	IP	NODE	NOMINATED NODE	READINESS GATES
store-front-nonroot-559c48c9db-t8hfm	1/1	Running	0	170m	10.244.0.15	aks-agentpool-14965922-vmss000000	<none>	<none>

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo %
```