

Deploying a microservice using a Helm chart

Start

Now that we have our microservice Helm chart ready, let's go ahead and use it to deploy the Identity microservice to our Kubernetes cluster.

In Identity repo

1. Delete the Identity microservice:

```
kubectl delete certificate signing-cert -n identity
```

```
kubectl delete service identity-service -n identity
```

```
kubectl delete deployment identity-deployment -n identity
```

2. Add to README.md:

```
## Install the helm chart
```

```
```powershell
```

```
helm install identity-service .\helm -f .\helm\values.yaml -n identity
```

```
```
```

3. Install the helm chart

4. List the releases:

```
helm list -n identity
```

5. List the pods, service, certificate and secrets

6. Delete the Kubernetes directory

7. Delete all sections from README that use .\kubernetes

8. Commit and push.

In the next lesson you will prepare your helm chart to be used by other microservices by moving its generic elements to the infrastructure repository.