Deploying a microservice using a Helm chart from ACR

Start

Let's now see how we can update our Identity microservice to take advantage of the Helm chart we just published into ACR.

In Identity repo

1. Remove everything under helm dir, except for values.yaml

2. Only keep Identity elements in values.yaml:

```
microserviceName: "identity"

image:
  repository: playeconomy.azurecr.io/play.identity
  tag: "1.0.10"

envVariables:
  IdentitySettings__PathBase: /identity-svc
  IdentitySettings__CertificateCerFilePath: "/certificates/certificate.crt"
  IdentitySettings__CertificateKeyFilePath: "/certificates/certificate.key"
  IdentityServerSettings__Clients__0__RedirectUris__0:
https://playeconomy.eastus.cloudapp.azure.com/authentication/login-callback
  IdentityServerSettings__Clients__0__PostLogoutRedirectUris__0:
https://playeconomy.eastus.cloudapp.azure.com/authentication/logout-callback

container:
  port: 5002
  volumeMounts:
    - name: certificate-volume
      mountPath: /certificates

volumes:
  - name: certificate-volume
    secret:
      secretName: signing-cert
      items:
        - key: tls.key
          path: certificate.key
        - key: tls.crt
          path: certificate.crt

certificate:
```

```
  secretName: signing-cert
  hostname: playeconomy.eastus.cloudapp.azure.com
```

3. Update README.md:

````
## Install the helm chart
```powershell
$helmUser=[guid]::Empty.Guid
$helmPassword=$(az acr login --name $appname --expose-token --output tsv --query accessToken)
$env:HELM_EXPERIMENTAL_OCI=1
helm registry login "$appname.azurecr.io" --username $helmUser --password $helmPassword

$chartVersion="0.1.0"
helm upgrade identity-service oci://$appname.azurecr.io/helm/microservice --version $chartVersion -f
.\helm\values.yaml -n $namespace --install
```
````

4. Run the commands
   (try helm repo update if it fails)

5. Commit and push.

In the next assignment, you will use your new helm chart to simplify the deployment of all your other microservices.