Configuring Routing to a Microservice

Let's configure our Emissary-ingress API gateway to route requests to the Identity microservice.

In Play.Infra repo

1. Create a emissary-ingress directory

2. Add listener.yaml:

```
apiVersion: getambassador.io/v3alpha1
kind: Listener
metadata:
  name: http-listener
spec:
  port: 8080
  protocol: HTTP
  securityModel: XFP
  hostBinding:
    namespace:
      from: SELF
```

3. Update README:

```
## Configuring Emissary-ingress routing
```powershell
kubectl apply -f .\emissary-ingress\listener.yaml -n $namespace
```
```

4. Run the command

5. Create mappings.yaml:

```
apiVersion: getambassador.io/v3alpha1
kind: Mapping
metadata:
  name: identity-mapping
spec:
  hostname: playeconomy.eastus.cloudapp.azure.com
  prefix: /identity-svc/
  service: identity-service.identity
```

6. Update README:

```
## Configuring Emissary-ingress routing
```powershell
```

kubectl apply -f .\emissary-ingress\listener.yaml -n $namespace

kubectl apply -f .\emissary-ingress\mappings.yaml -n $namespace
```

7. Run the command

8. Commit and push

In the next lesson you will update the Identity microservice to be able to work behind the API Gateway.