

Running the Identity microservice behind the API gateway

Let's configure the Identity microservice to be able to run behind the API gateway.

In [Play.Identity](#) repo

1. Update IdentitySettings:

```
public class IdentitySettings
{
    ...
    public decimal StartingGil { get; init; }
    public string PathBase { get; init; }
}
```

2. Update Startup → Configure:

```
public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
{
    ...
    app.UseHttpsRedirection();

    app.Use((context, next) =>
    {
        var identitySettings =
Configuration.GetSection(nameof(IdentitySettings)).Get<IdentitySettings>();
        context.Request.PathBase = new PathString(identitySettings.PathBase);
        return next();
    });

    app.UseStaticFiles();
    ...
}
```

3. Bump the container version in README

4. Build and publish container image

5. Update identity.yaml:

```
apiVersion: apps/v1
kind: Deployment
metadata:
    ...
```

```
spec:
  ...
  template:
    ...
    spec:
      containers:
        - name: identity
          image: playeconomy.azurecr.io/play.identity:1.0.8
          env:
            ...
            - name: ServiceSettings__KeyVaultName
              value: playeconomy
            - name: IdentitySettings__PathBase
              value: /identity-svc
          resources:
            ...
```

```
---
apiVersion: v1
kind: Service
metadata:
  ...
spec:
  type: ClusterIP
  selector:
    ...
```

6. Apply identity.yaml:

```
kubectl apply -f .\kubernetes\identity.yaml -n $namespace
```

In Postman

7. Get the discovery endpoint:

GET <http://playeconomy.eastus.cloudapp.azure.com/identity-svc/.well-known/openid-configuration>

8. Confirm all urls start with <http://playeconomy.eastus.cloudapp.azure.com/identity-svc>

9. Go to the GET /users tab

10. In Authorization tab, update Auth URL and Access Token URL to start with <http://playeconomy.eastus.cloudapp.azure.com/identity-svc>

11. Request a new access token for admin

12. Update the GET url to <http://playeconomy.eastus.cloudapp.azure.com/identity-svc/users>

13. Get the users

14. Commit and push

In the next lesson you will configure Postman to use environments.