

# 第02期-使用客户端凭证保护API接口

2020年6月9日 10:02

## 创建空项目

```
dotnet new -i IdentityServer4.Templates
```

```
dotnet new is4empty -n IdentityServer
```

```
Install-Package IdentityServer4
```

## 定义API资源

```
public static IEnumerable<ApiResource> GetApis()
{
    return new List<ApiResource>
    {
        new ApiResource("api1", "My API")
    };
}
```

## 定义客户端

```
public static IEnumerable<Client> GetClients()
{
    return new List<Client>
    {
        new Client
        {
            ClientId = "client",

            // no interactive user, use the clientid/secret for
authentication
            AllowedGrantTypes = GrantTypes.ClientCredentials,

            // secret for authentication
            ClientSecrets =
            {
                new Secret("secret".Sha256())
            },

            // scopes that client has access to
            AllowedScopes = { "api1" }
        }
    };
}
```

## 配置IdentityServer服务

```
public void ConfigureServices(IServiceCollection services)
{
    var builder = services.AddIdentityServer()
        .AddInMemoryIdentityResources(Config.GetIdentityResources())
        .AddInMemoryApiResources(Config.GetApis())
        .AddInMemoryClients(Config.GetClients());
}
```

## 基于策略的授权

<https://docs.microsoft.com/zh-cn/aspnet/core/security/authorization/policies>

## 服务发现

<https://localhost:5001/.well-known/openid-configuration>