

# Working with Claims in Your Web Application

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# Coming Up



**Claims transformation and working with claims**

**Role-based authorization**



# Demo



**Claims transformation: keeping the original claim types**



# Demo



**Claims transformation: manipulating the claims collection**



# Authentication

**The process of determining who you are**



# Authorization

**The process of determining what you are allowed to do**



# Authorization

## **RBAC:**

- Role-based access control

## **ABAC:**

- Attribute-based access control  
(aka CBAC, aka PBAC)



# Demo



**Role-based authorization: ensuring the role is included**





# Demo



**Role-based authorization: using  
the role in your views**



# Demo



**Role-based authorization: using  
the role in your controllers**



# Demo



## Creating an access denied page



## Summary



**Resetting the claim mapping dictionary ensures the original claim types are kept**

**We can manipulate the `ClaimsIdentity` through `ClaimActions` to ensure claims are added or removed**



# Summary



**ASP.NET Core has built-in support for role-based authorization**



Up Next:

Understanding Authorization with  
OpenID Connect

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