

Working with Authorization



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Coming Up



**Role-based access control vs.
attribute-based access control**

Creating an authorization policy

**Using an authorization policy at client
and server level**



Role-based Access Control vs. Attribute- based Access Control

Two types of access control

- Role-based access control (RBAC)
- Attribute-based access control (ABAC), sometimes referred to as claims-based access control (CBAC) or policy-based access control (PBAC)



Role-based Access Control vs. Attribute-based Access Control

Role-based Access Control (RBAC)

Access rights granted through predefined roles

Each role carries a set of privileges

Attribute-based Access Control (ABAC)

Access rights granted through policies

A policy combines a set of attributes (claims) together

Allows much more complex rules than RBAC



Upcoming Demos

ABAC with authorization policies

- Only users from Belgium will be allowed access to the employee overview page

We'll implement this at level of the Blazor application and at level of the API



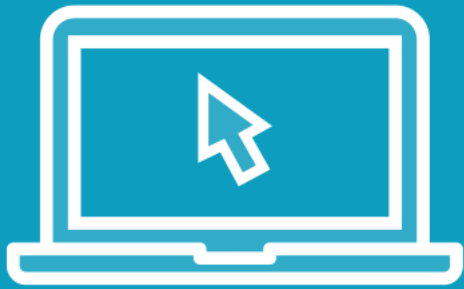
Demo



Creating an authorization policy



Demo



Using an authorization policy in our Blazor application



Demo



Using an authorization policy at API level



Summary



Attribute-based Access Control (ABAC)

- Access rights granted through policies
- A policy combines a set of attributes (claims) together
- Allows much more complex rules than RBAC

ABAC is the preferred approach



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