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# Secure an ASP.NET Core web app with the Identity framework

1 hr 8 min • Module • 8 Units

★★★★☆ 4.5 (645)

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Intermediate

Developer

.NET

ASP.NET Core

.NET Core

Entity Framework Core

Azure

Add authentication and authorization to an ASP.NET Core web app using the Identity framework.

In this module, you will:

- Configure Identity support in an existing ASP.NET Core web app.
- Provide new user registration capabilities.
- Extend Identity UI components.
- Customize multi-factor login capabilities.
- Implement policy-based authorization using claims.
- Customize and extend the underlying Identity data store.

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## Prerequisites

- Experience writing C# at the beginner level
- Experience using relational databases and SQL as a developer
- Familiarity with Entity Framework (EF) Core migrations
- Ability to write Razor at the beginner level
- Familiarity with a time-based one-time password (TOTP) authenticator app, such as Microsoft Authenticator (available in the [Google Play Store](#) or the [Apple App Store](#))

## This module is part of these learning paths

[Secure your cloud applications in Azure](#)

### Introduction

1 min



## Set up the environment

10 min



## Exercise - Configure Identity support

10 min



## Exercise - Customize Identity

15 min



## Exercise - Configure multi-factor authentication

10 min



## Exercise - Use claims with policy-based authorization

15 min



## Knowledge check

5 min



## Summary

2 min

