Dealing with External Identity Providers and 2FA

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Working with External Identity Providers

IdentityServer can be integrated with a variety of external IDPs

One user account = different means of logging in

Demo

Inspecting Support for External Identity Providers

Demo

Using Windows Credentials

Demo

Provisioning a User with a Registration Workflow

Demo

Registering an Application on Facebook

Demo

Integrating Facebook Authentication

Demo

Linking an External Provider to an Existing Account

Working with 2-factor Authentication

Something you know

Something you own

Something you are

Working with 2-factor Authentication

The factors should be of different types

- Don't use two username/password combinations

- Use a username/password, combined with a code sent to your phone

Working with 2-factor Authentication

Register cookie auth middleware (idsrv.2FA)
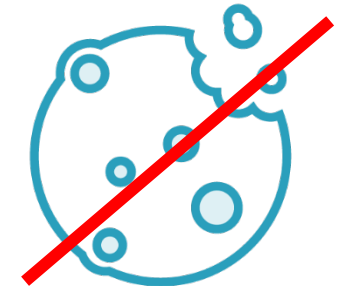
Sign in using the custom idsrv.2FA scheme

Send a code to the user

Get the idsrv.2FA cookie

Validate code and sign in to IdentityServer

Sign out of the idrsv.2FA scheme

Demo

Implementing 2-factor Authentication

Additional Resources

Other pieces of functionality can include

Editing account information

Password resets

Account verification

...

Additional Resources

ASP.NET Core Identity is the membership system for building ASP.NET Core web applications, including membership, login, and user data

Quickstart: http://bit.ly/2ttDGD2

Summary

Interact with IdentityServer through the IIdentityServerInteractionService

When customizing an authentication flow, pass through a returnUrl

Summary

Use separate authentication schemes

- To store the outcome of either an external authentication or a partial authentication

- To allow signing in & out for just those schemes