

Dealing with External Identity Providers and 2fa



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Coming Up



Integrating with External Identity Providers

Windows Credentials

Facebook

Using 2-factor Authentication



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



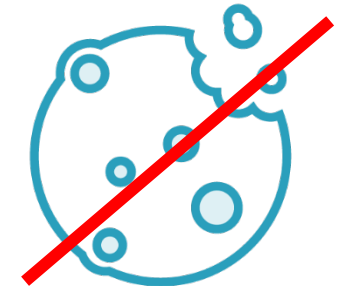
Send a code to the user



Get the idsrv.2FA cookie



Validate code and sign in
to IdentityServer



Sign out of the idsrv.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