What's new with ABP 8.2?

Engincan VESKE

Software Engineer at Volosoft

Overall

https://blog.abp.io/abp/announcing-abp-8-2-release-candidate

- Blazor Full-Stack Web App UI
- Introducing the IBlockUiService for Blazor UI
- Case-Insensitive Indexes for MongoDB
- Session Management
- Suite: File/Image Property
- Suite: DateOnly & TimeOnly Types
- Periodic Log Deletion for Audit Logs

Blazor Full-Stack Web App UI

ASP.NET Blazor in .NET 8 allows you to use a single powerful component model to handle all of your web UI needs, including **server-side rendering**, **client-side rendering**, **streaming rendering**, **progressive enhancement**, and **much more**...

ABP v8.2.x supports the new Blazor Web App template, which you can directly created from either Suite or CLI with the following command:

```
abp new BookStore -t app -u blazor-webapp
```

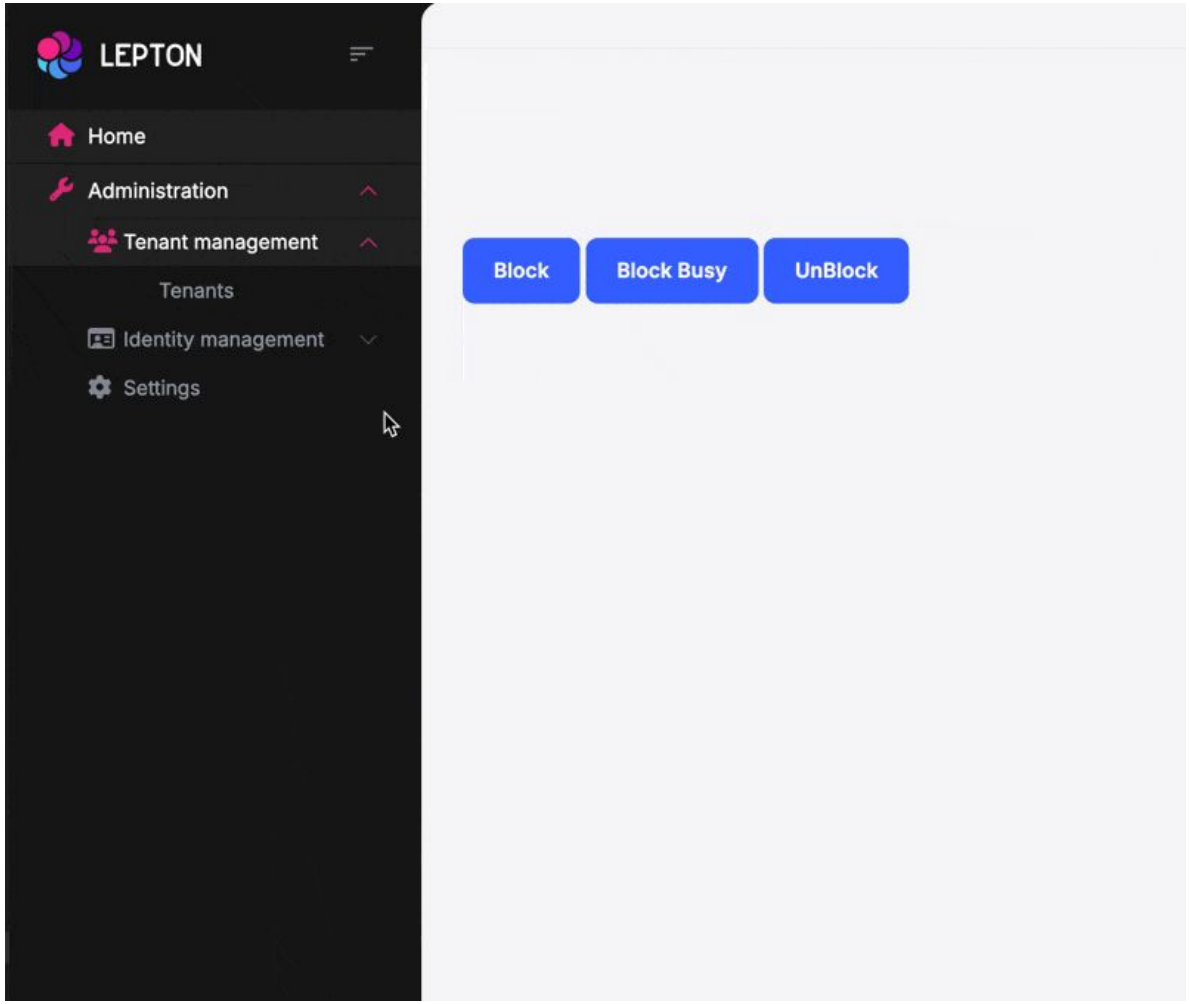
Blazor Full-Stack Web App UI

When you create the project, you will typically see two main projects for Blazor UI, besides other projects:

- ***.Blazor.WebApp** (startup project of your application and contains the App.razor component, which is the root component of your application)

- ***.Blazor.WebApp.Client**

IBlockUiService for Blazor UI




```
//Inject the IBlockUiService
private readonly IBlockUiService _blockUiService;

public MyClass(IBlockUiService _blockUiService)
{
   _blockUiService = blockUiService;
}


//Blocking the element
await _blockUiService.Block(selectors: "#MySelectors", busy: true);

//Unblocking the element
await _blockUiService.UnBlock(selectors: "#MySelectors");
```

10 YEARS OF abp

Case-Insensitive Indexes for MongoDB

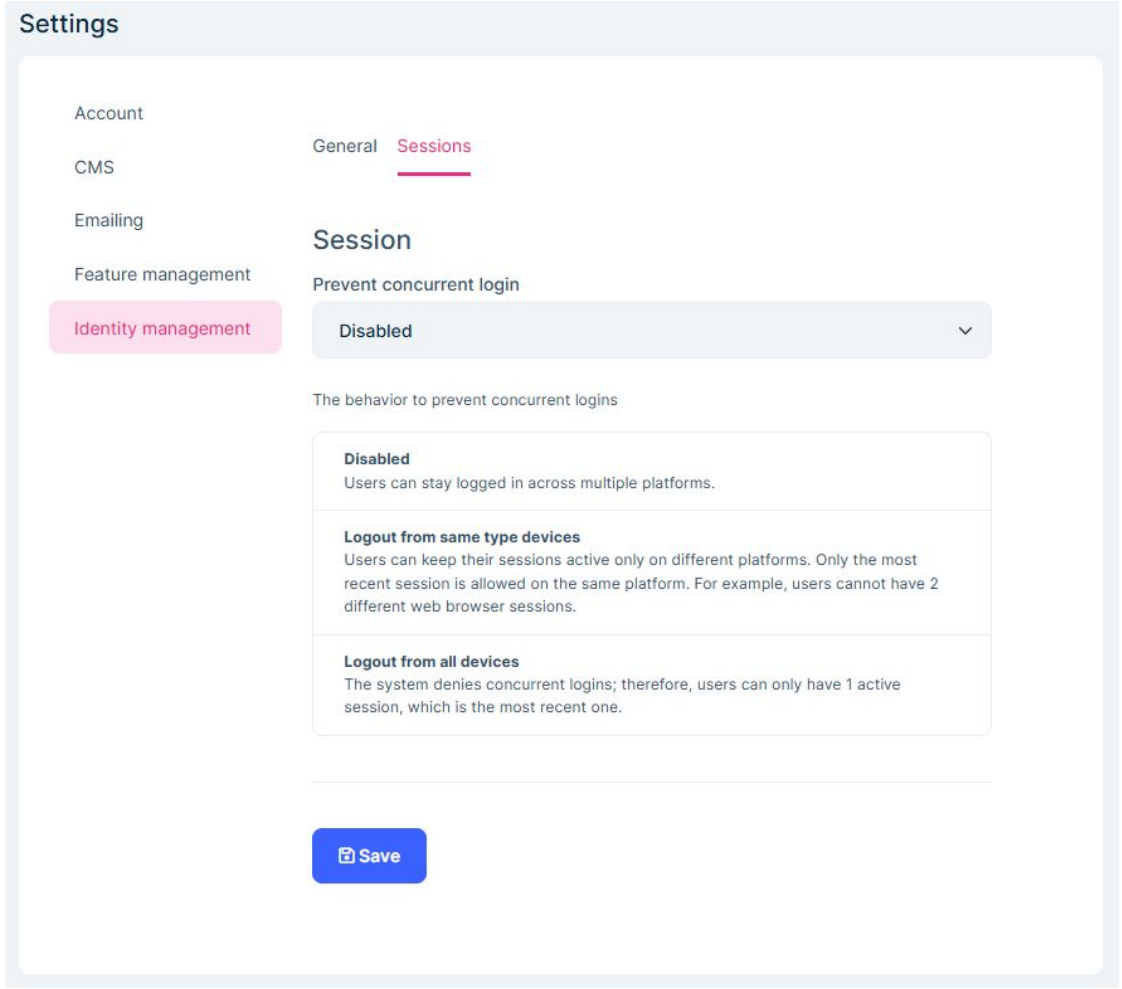
```
protected override void CreateModel(IMongoModelBuilder modelBuilder)
{
    base.CreateModel(modelBuilder);

    modelBuilder.Entity<Question>(b =>
    {
        b.CreateCollectionOptions.Collation = new Collation(locale:"en_US", strength: CollationStrength.Secondary);

        b.ConfigureIndexes(indexes =>
            {
                indexes.CreateOne(
                    new CreateIndexModel<BsonDocument>(
                        Builders<BsonDocument>.IndexKeys.Ascending("MyProperty"),
                        new CreateIndexOptions { Unique = true }
                    )
                );
            }
        );
    });
}
```

https://docs.abp.io/en/abp/8.2/MongoDB#configure-indexes-and-createcollectionoptions-for-a-collection

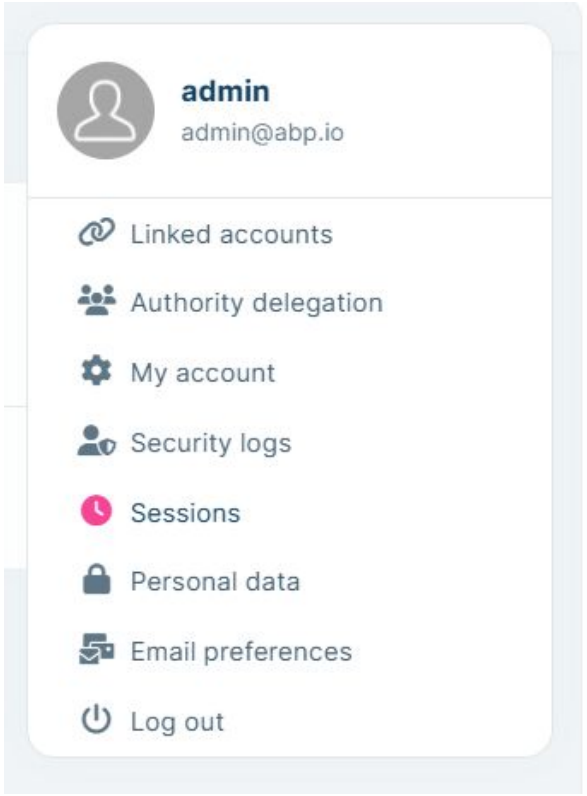
Session Management



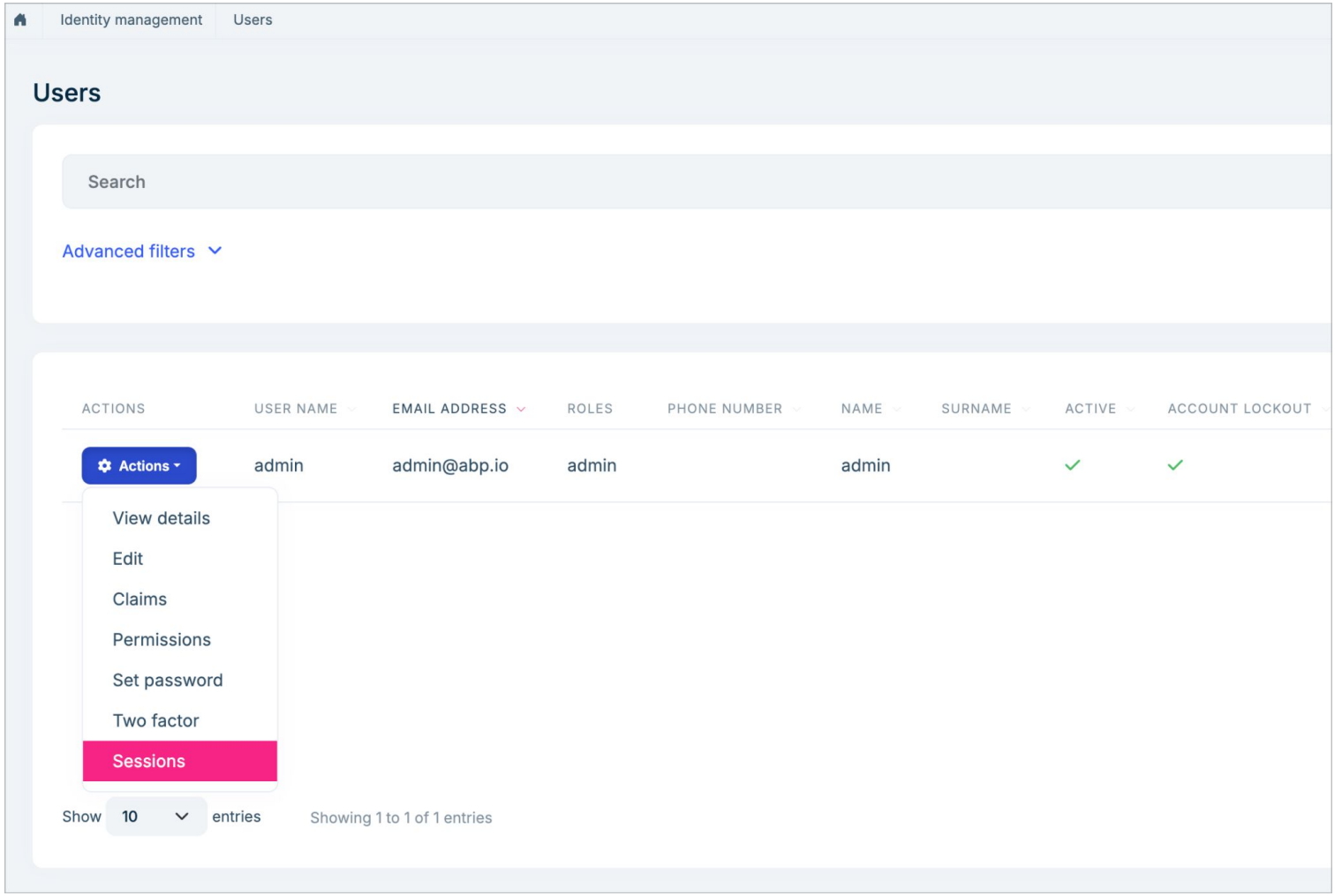
- Prevents concurrent login
  - From same type of devices
  - From all devices (mobile, web, etc...)
  - Or disable it completely (allow concurrent login)

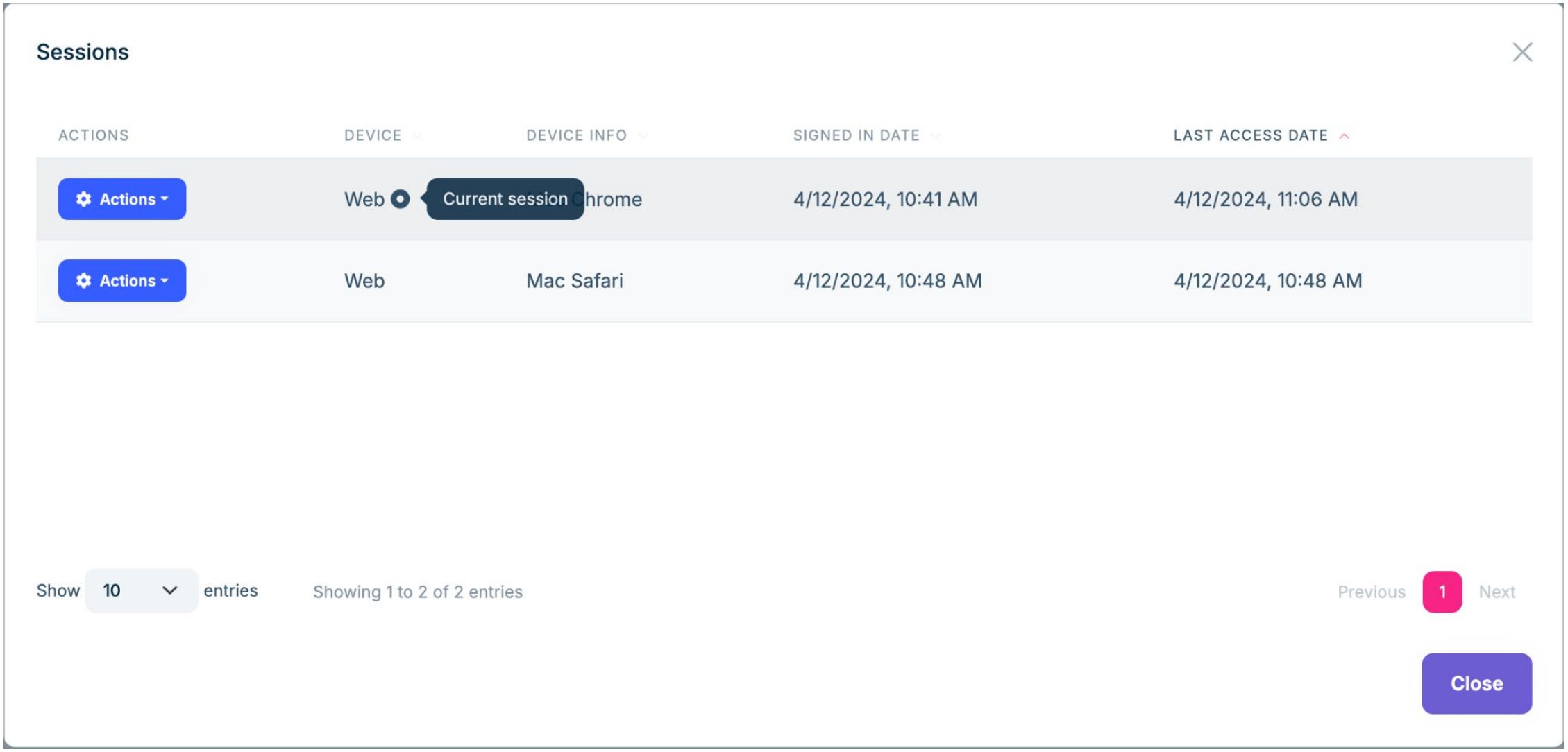
- Allows to manage user sessions

https://docs.abp.io/en/commercial/8.2/modules/identity/session-management

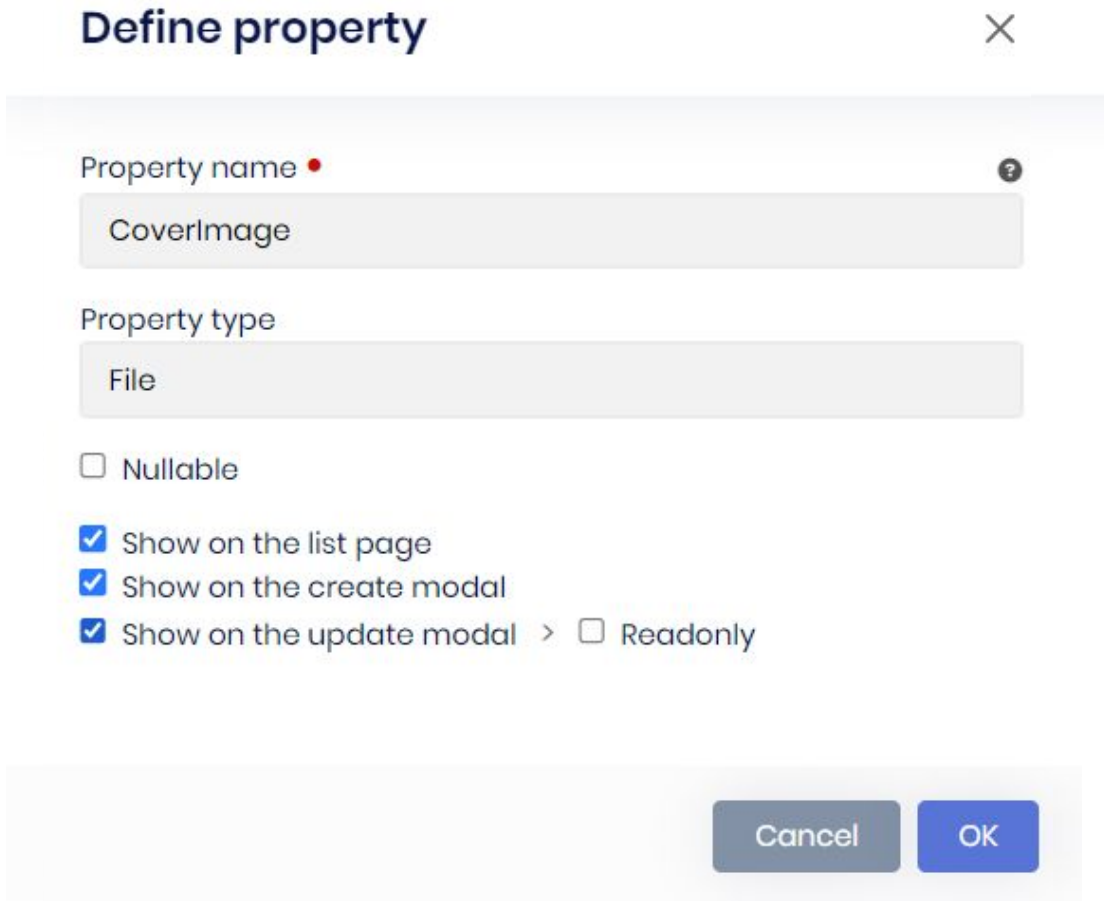

admin
admin@abp.io
Linked accounts
Authority delegation
My account
Security logs
Sessions
Personal data
Email preferences
Log out

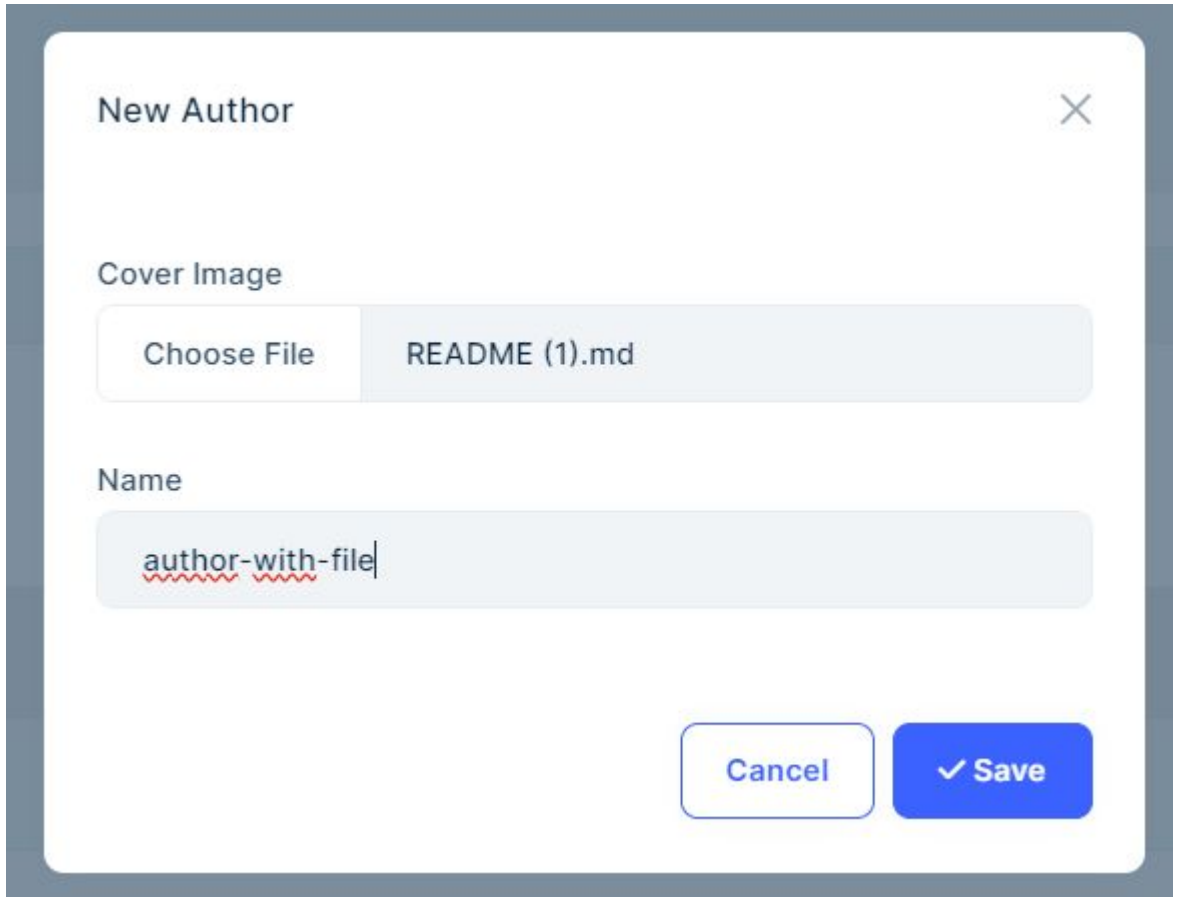
admin


Identity management
Users
Users
Search
Advanced filters
ACTIONS
USER NAME
EMAIL ADDRESS
ROLES
PHONE NUMBER
NAME
SURNAME
ACTIVE
ACCOUNT LOCKOUT
Actions
admin
admin@abp.io
admin
admin
View details
Edit
Claims
Permissions
Set password
Two factor
Sessions
Show
10
entries
Showing 1 to 1 of 1 entries


Sessions
ACTIONS
DEVICE
DEVICE INFO
SIGNED IN DATE
LAST ACCESS DATE
Actions
Web
Current session
Chrome
4/12/2024, 10:41 AM
4/12/2024, 11:06 AM
Actions
Web
Mac Safari
4/12/2024, 10:48 AM
4/12/2024, 10:48 AM
Show
10
entries
Showing 1 to 2 of 2 entries
Previous
1
Next
Close

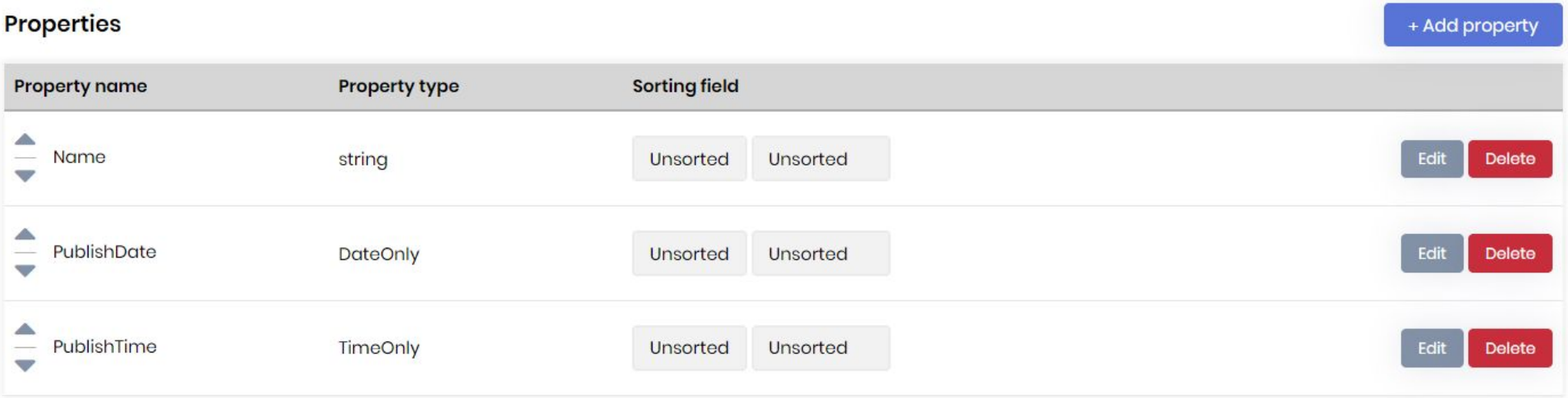
Suite: File/Image Property





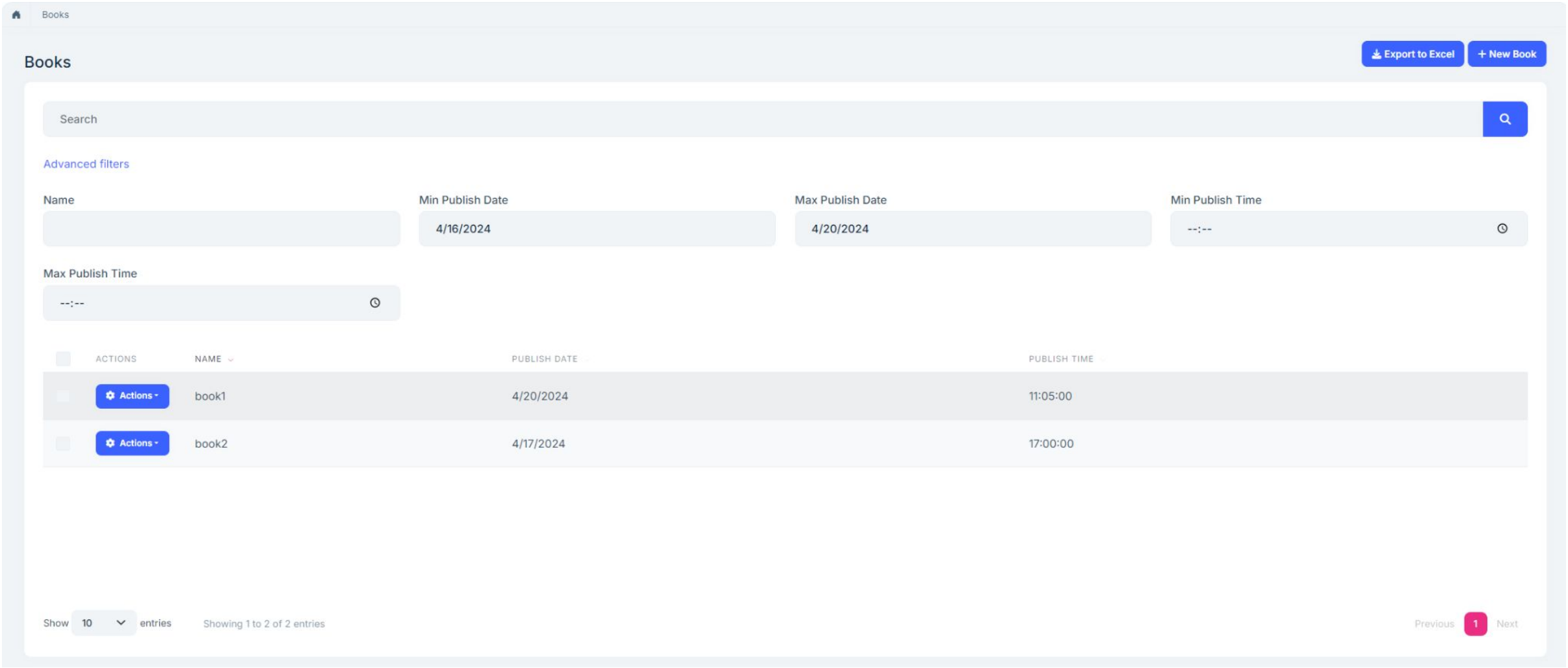
10 YEARS OF abp

Suite: DateOnly & TimeOnly Types



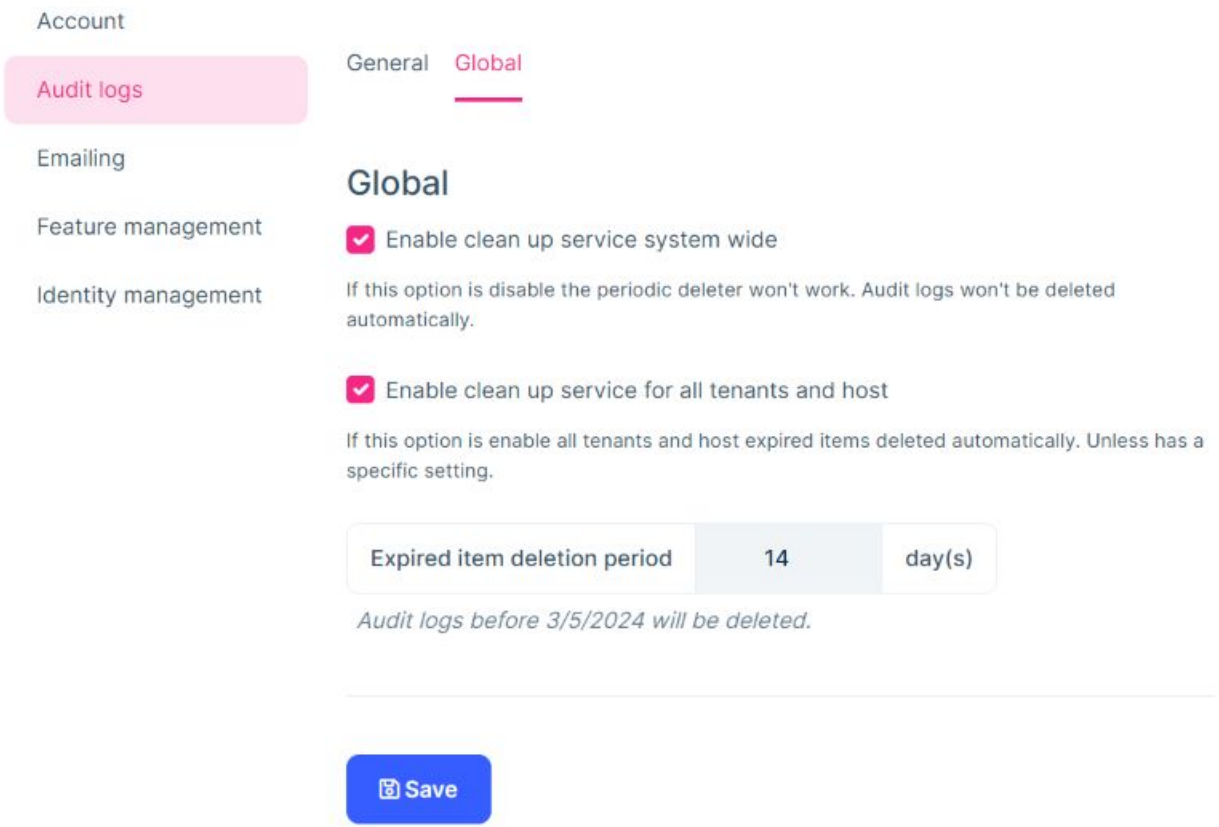
Note: The DateOnly and TimeOnly structures were introduced with .NET 6. With ABP v8.2, all startup templates target single target framework, so if you created your project before ABP v8.2, please make sure that all of your projects' target frameworks are .NET 8+.

10 YEARS OF abp



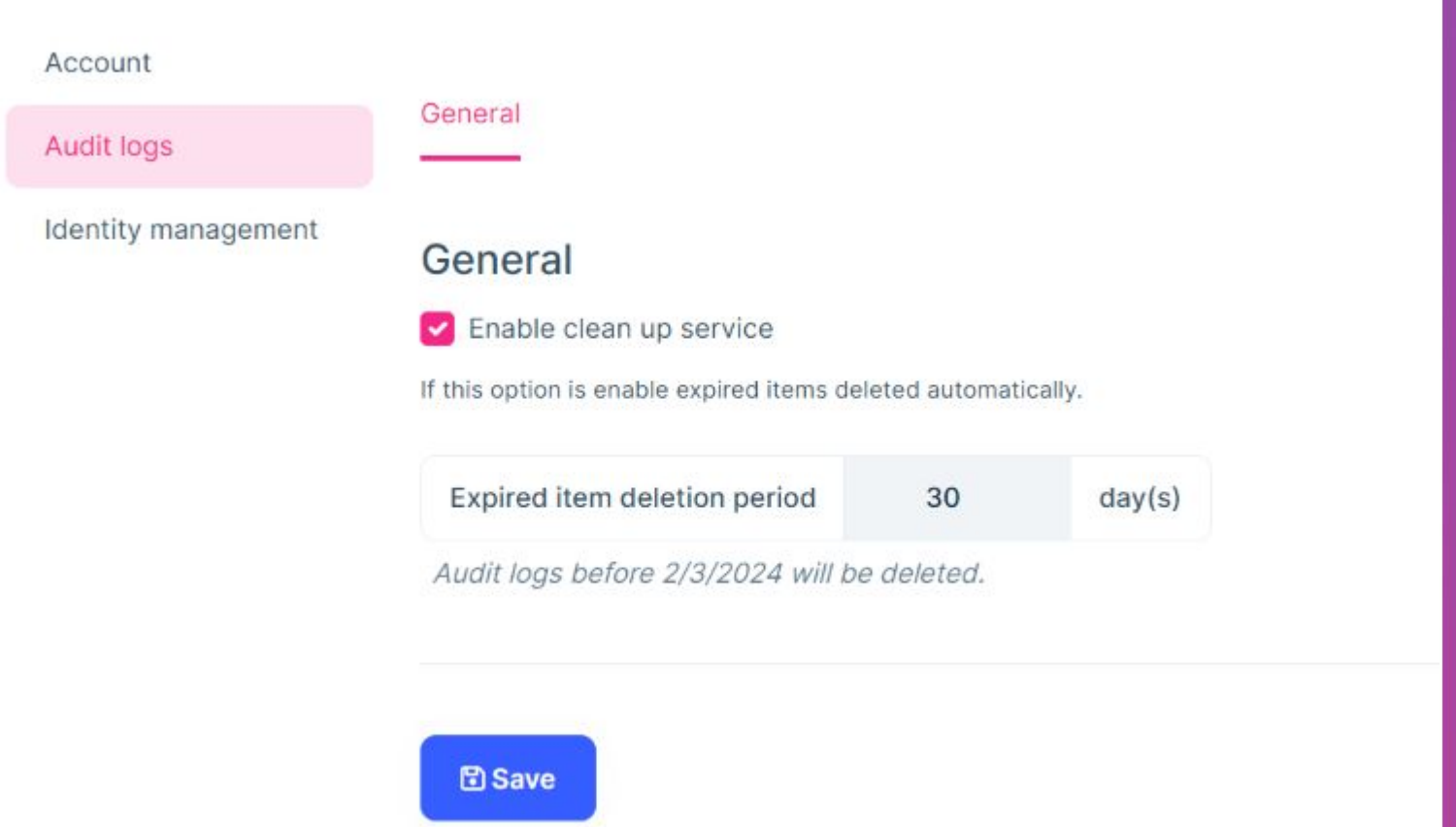
10 YEARS OF abp

Periodic Log Deletion for Audit Logs



https://docs.abp.io/en/commercial/8.2/modules/audit-logging#audit-log-settings

After enabling the system wide clean up service, then you can configure the global **“Expired item deletion period”** for all tenants and hosts 👉



Migration Guides

- ABP Framework 8.x to 8.2 Migration Guide
- ABP Commercial 8.x to 8.2 Migration Guide
- Migrating to Blazor Web App