

Lab 2.2: Configure Users and Permissions

Objective:

In this lab, you'll learn how to manage users and groups in XWiki and control access to content using **page-level** and **space-level permissions**.

By the end of this lab, you will be able to:

- Create individual user accounts and user groups
- Apply permissions to restrict or allow access
- Understand the hierarchy and inheritance of access rights in XWiki

Step-by-Step Instructions

1. Create Users and Groups

 **Goal:** Add new users and organize them into groups for easier permission management.

1.1. Access User Administration

1. Log in as an **administrator**.
2. Click on your **profile picture** (top right corner) → "Administer Wiki".
3. In the administration panel, go to the **Users** section.

1.2. Create Users

1. Click "**Create User**".
2. Fill in details:
 - o **Username:** john.doe
 - o **Password:** Password123
 - o **Email:** john@example.com
 - o Optionally uncheck “Send registration email” for local setups
3. Click "**Register**".
4. Repeat the process to create at least **two users**.

1.3. Create Groups

1. Go to the **Groups** section in the admin panel.
2. Click "**Create Group**".
 - o Group Name: Editors
3. Once created, **edit the group page** and add members by selecting usernames under the "Members" section.
4. Optionally create another group, e.g., Viewers, and assign members.

 **Tip:** Groups help apply permissions to multiple users at once and simplify large-scale management.

2. Set Page-Level Permissions

 **Goal:** Control who can view or edit a specific wiki page.

2.1. Choose a Page

- Navigate to any existing page (e.g., My First xWiki Page from Lab 1.1).

2.2. Access Rights Panel

1. Click the **gear icon** (top-right corner of the page).
2. Choose "Administer Page" or "Rights".

2.3. Modify Permissions

1. In the **Rights** tab:
 - Select either a **User** or **Group** (e.g., Editors, john.doe)
 - Grant or restrict:
 - View
 - Edit
 - Comment
 - Script
2. Click "Save".

 **Warning:** If you remove "View" permission for all users and forget to assign it to anyone, the page will be invisible—even to admins—unless explicitly recovered.

3. Set Space-Level Permissions

 **Goal:** Apply permissions to an entire **namespace** (space), which includes multiple pages.

3.1. Navigate to a Space

- Go to the **Page Index** → Choose a space (e.g., Sandbox or create a new one).

3.2. Administer Space

1. While viewing the space home page, click the **gear icon** → "Administer Space".
2. Open the "Rights: Page & Children" tab.

3.3. Configure Permissions

1. Choose a user or group to configure (e.g., `Viewers`).
2. Grant/restrict permissions (View, Edit, etc.) at the space level.
3. Click "Save".

 Permissions set here apply to all pages **within this space**, unless overridden at the page level.

Lab Summary

By completing this lab, you have:

- Created users and organized them into groups
 - Applied access control at both page and space levels
 - Understood the principles of XWiki's permission system
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Bonus Activities (Optional)

- Create a “Private Project” space where only certain users can view or edit pages.
 - Set up a “Public Wiki” space that allows anonymous viewing but restricts editing to registered users.
 - Test user access by logging in as one of the created users and checking visibility/edit rights.
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Quick Reference: Common Permissions

Permission	Description
View	See the page or space
Edit	Modify content
Delete	Remove content
Comment	Add comments to pages
Script	Execute scripts (requires caution)
Admin	Modify rights, settings, and structure