

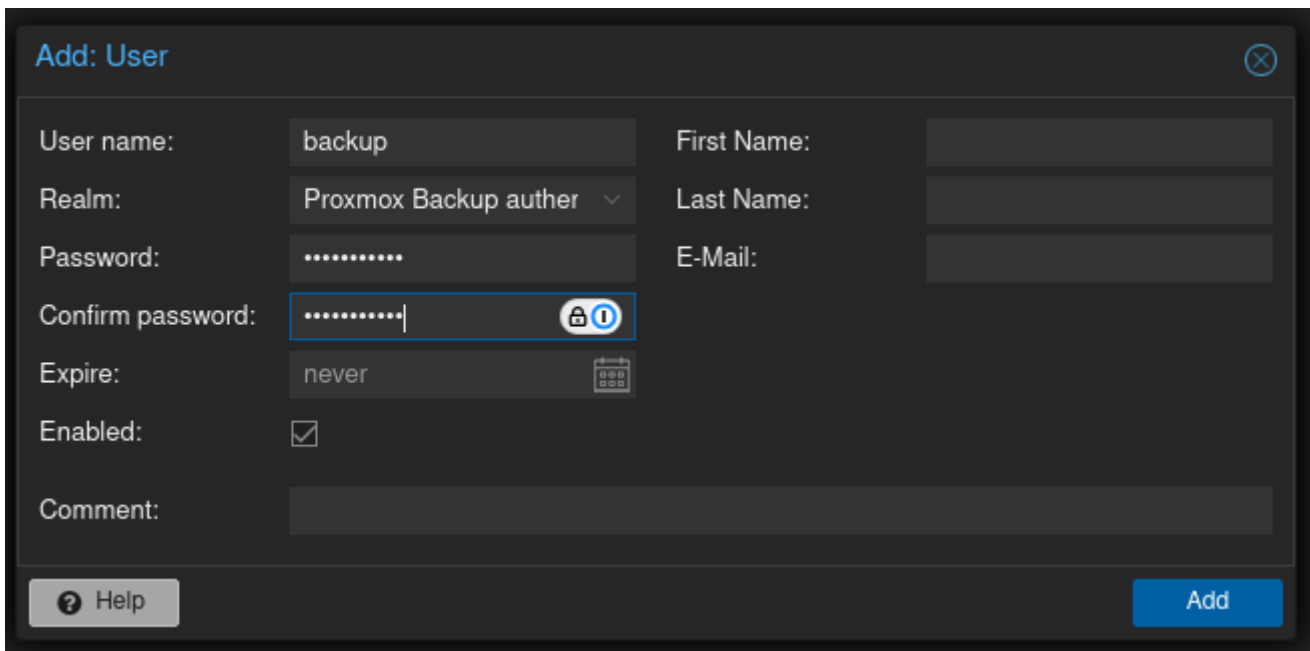
Security Configuration

It is optional but recommended to create a separate backup user. In the next step we will connect our PBS to Proxmox VE, and for that you need a user. You could simply use the root user, but best practices dictate that a separate user is better for security reasons. Also, Add Two Factor Authentication to secure your root account.

Note: a user that has Two Factor Authentication, can't be used to connect your PBS to Proxmox VE. That is also why we created a separate backup user in the previous step.

Adding Backup User

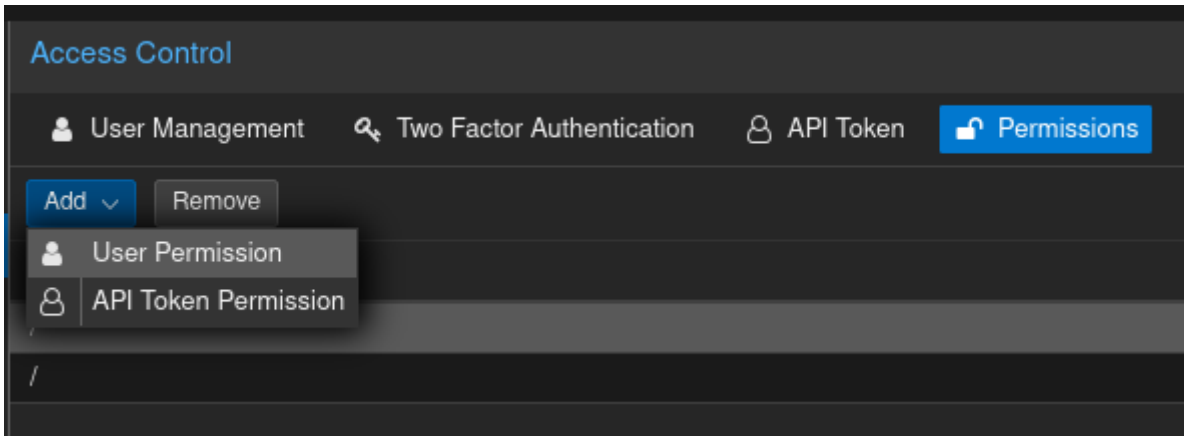
1. Login to PBS
2. Under **Configuration** go to **Access Control** and click **Add**
3. In **new user** window
 1. Give it a name
 2. Realm: Proxmox Backup authenticator
 3. Choose strong password
 4. Make sure Enabled is checked and it doesn't expire



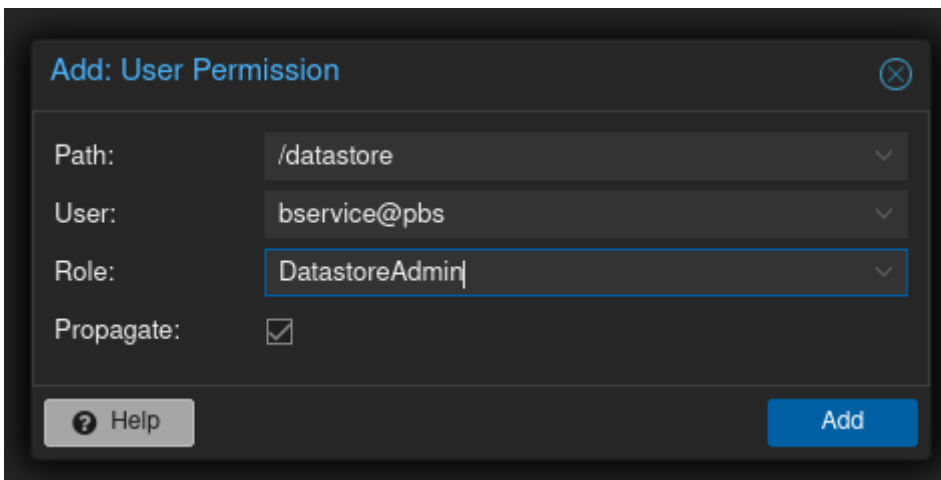
The screenshot shows the 'Add: User' dialog box in Proxmox VE. The dialog is dark-themed and contains the following fields and controls:

- User name:** backup
- Realm:** Proxmox Backup authenticator (dropdown menu)
- Password:** masked with dots
- Confirm password:** masked with dots, with a lock icon and a '1' icon indicating password strength.
- Expire:** never (with a calendar icon)
- Enabled:** checked (checkbox)
- First Name:** empty
- Last Name:** empty
- E-Mail:** empty
- Comment:** empty text area
- Buttons:** ? Help (left), Add (right)

1. Now that the account has been created, we also need to give it the correct permissions.
2. Go the **Permissions** tab
3. Click **Add** and select **User Permission**



1. In User Permission Window
 1. **Path:** select datastore only
 2. **User:** choose backup user you created
 3. **Role:** Choose DatastoreAdmin
 4. **Make** sure Propagate is selected
2. Click **Add**



Enabling Two Factor Authentication

1. Go to **Access Control**
2. Select **Two Factor Authentication** and click **Add**
3. Select **TOTP** and Fill the required details using your preferred password manager

You have to do this for each user

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