

Linking Authentik SSO to Nextcloud (OIDC)

Purpose: This guide outlines the steps to enable Single Sign-On (SSO) for Nextcloud using Authentik via the OpenID Connect (OIDC) protocol. This allows users to log in to Nextcloud using their central Authentik credentials.

Prerequisites

- A working **Authentik** instance (e.g., `auth.goonersnas.com`).
 - A working **Nextcloud** instance (e.g., `nc.goonersnas.com`).
 - Administrator access to both platforms.
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Step 1: Create the Authentik Provider

The Provider acts as the authentication engine for the handshake.

1. Navigate to **Applications > Providers** in the Authentik Admin interface.
2. Click **Create** and select **OAuth2/OpenID Provider**.

3. Set the following values:

Field	Value
Name	Nextcloud
Authentication flow	default-authentication-flow
Authorization flow	default-provider-authorization-implicit-consent
Client Type	Confidential

4. In the **Redirect URIs** section, add the following (adjust domain as needed):

```
https://nc.goonersnas.com/index.php/apps/sociallogin/custom_oidc/authentik
```

Click **Finish** and then copy your **Client ID** and **Client Secret** from the provider details page.

Step 2: Create the Authentik Application

The Application links the Provider to a user-facing icon.

1. Navigate to **Applications > Applications**.
 2. Click **Create**.
 3. **Name:** Nextcloud | **Slug:** nextcloud
 4. **Provider:** Select the "Nextcloud" provider created in Step 1.
 5. Click **Finish**.
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Step 3: Configure Nextcloud Social Login

Install the **Social Login** app from the Nextcloud App Store, then navigate to **Settings > Administration > Social login**.

3.1 General Settings

Check the following boxes at the top of the page:

- **Uncheck:** "Disable auto-create new users" (to allow SSO to create accounts).
- **Check:** "Allow users to connect social logins with their account".
- **Check:** "Update user profile every login".

3.2 Custom OpenID Connect

Click the + button under Custom OpenID Connect and fill in the following:

Nextcloud Field	Authentik URL Path
Internal name	authentik
Authorize URL	https://auth.goonersnas.com/application/o/authorize/
Token URL	https://auth.goonersnas.com/application/o/token/
User info URL	https://auth.goonersnas.com/application/o/userinfo/
Scope	openid profile email

Important: Ensure there are no leading or trailing spaces in the Client ID or Client Secret fields.

Step 4: Final Testing

1. Open an **Incognito Window**.
2. Navigate to your Nextcloud URL.
3. Click the large **Authentik** button at the bottom of the login form.
4. Log in with your Authentik credentials.

Success! If redirected to your Nextcloud dashboard, the SSO link is active. New users created in Authentik will now automatically have Nextcloud accounts provisioned on their first login.

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