

# Wickr Enterprise Administrator Single Sign-On (SSO) Setup and Configuration

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# 1. Terms

- SSO = Single Sign-On
  - IdP = Identity Provider
  - URI = Uniform Resource Identifier
  - Administrator = network administrator, via web accessed Wickr Network Dashboard
  - SuperAdmin = administrator of network administrators, via web accessed Wickr Network Dashboard.
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# 2. Context

Wickr is excited to share administrators of Wickr Enterprise networks can now leverage SSO to login to the web accessed Wickr Network Dashboard. Previously, administrators would require a username/password, and could also leverage 3<sup>rd</sup> party 2 factor authentication (2FA), such as Google Authenticator, for added security for the web accessed Wickr Network Dashboard. Instead of having to remember a specific Wickr login for the web accessed Wickr Network Dashboard, administrators of Wickr Enterprise networks can now leverage SSO for both convenience and security.

This feature is controlled at the SuperAdmin level.

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# 3. How to Configure SSO for administrators

1. Login as SuperAdmin.
2. Under menu, click SSO Configuration.
3. Add SSO config, click on test and save.
4. If test is successful, click save.
5. Copy the Redirect URI, this URI needs to be added to your IdP application.

Example screenshot below;

**Single Sign-on**

**Network Endpoint**  
Wickr endpoint to use on your SSO IDP side to connect to Wickr.

Redirect URI

https://2.wickr.host/deeplink/oidc.php

COPY

**SSO Configuration**  
SSO provider connection details

CANCEL

TEST AND SAVE

**Issuer:**  

Required

URL provided by your SSO provider

**Client ID:**  

Required

ID provided by your SSO provider

**Client Secret:**  

Optional

Password provided by your SSO provider

**Additional auth params:**  

Optional

Additional parameters in URL query string format (e.g. unique\_parameter=foo&again=bar)

**Scopes:**  

email profile openid

Space separated

**CA Certificate:**

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## 4. How to Add Redirect URI to IdP

1. Copy the Redirect URI from Super admin's SSO Config screen.
2. Login in to your IdP.
3. Under Applications → select application you used to configure admin SSO → general tab → add Redirect URI under 'Sign-In Redirect URIs'

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## 5. How to Add Administrators to a network

1. Login as SuperAdmin.
  2. Under menu, click "Admin Provisioning".
  3. Click "CREATE ADMIN".
  4. Enter all the required fields.
  5. Password is not mandatory if SSO is already configured for admins.
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## 6. How to Login as Administrator using SSO:

1. Go to web accessed Wickr Network Dashboard login page.
2. Click on “Sign In With SSO”.

Network Admin Sign In

Sign In With SSO

or

Email or Username

Password

☐ Remember Me

SIGN IN

3. Enter username and password in the IdP’s login page (example below is with Okta);

okta

Sign In

Username

Password

☐ Keep me signed in

Sign In

Forgot password?

Help

4. You will be redirected to the dashboard homepage, if login is successful.

## 7. Troubleshooting;

- Administrator trying to login might not be provisioned by super admin.
- The Redirect URI shown in SSO configuration page might not be added to your IdP application.

### 7.1. IdP Cookies/Caching and SSO;

Your IdP (e.g. Okta) may cache your credentials within your browser, unfortunately this is not something that Wickr has any control over. This can present as an issue if a user is trying to switch between two different SSO accounts. Upon logging out your account in the admin console your Wickr session will be cleared and you will be redirected to the login page as expected, however if your IdP has cached your credentials, the next time you click the Login With SSO button you will be directly logged into that account.

Several workarounds for this exist as it is not a problem exclusive to Wickr:

1. Use your browsers incognito mode to login to the admin dashboard with another account
2. Clear your browser cache.
3. Log in to your other account using a different web browser.
4. Logout of your IdP manually.