

# Countermeasures Setup User Authentication for NodeBB

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## Configuration 2FA Plugin

Link: <https://github.com/NodeBB/nodebb-plugin-2factor>

- Go to URL 127.0.0.1:4567
- Login as admin
- Go to the admin folder
- Go to Plugins → Install Plugins
- Go to Inactive, activate 'nodebb-plugin-2factor' plugin
- Go to Dashboards → Overview
- Press 'REBUILD & RESTART' and wait for it to complete
- Go to the "Two-Factor Authentication" directory.
- Enforce 2Factor Authentication for all users.
- Logout as admin
- Register new user
- Log in as new user
- Press the '...' icon, and press "Two-Factor Authentication"
- Enable the Authentication app.
- Download Google Authenticator from Play Store
- Use a QR reader to read the QR code displayed on the website
- Enter the code from the phone
- The user has now enabled 2F authentication.

## Configuration SSO Authentificaion

Link: <https://github.com/julianlam/nodebb-plugin-sso-google>

- Go to URL 127.0.0.1:4567
- Login as admin
- Go to the admin folder
- Go to Plugins → Install Plugins
- Install the 'nodebb-plugin-sso-google'
- Rebuild and restart NodeBB under the Dashboard menu

- Go to SSO-Google in the Plugins Dashboard
- Follow the github link.
- Go to the Google cloud service provided in the Github link.
- Create a new project.
- Configure your consent screen
- Create an "OAuth client ID"
- Set "Application Type" to "Web application"
- Set "Name" as you like
- Leave "Authorized Javascript origins" empty
- The "Authorised Redirect URI" is your URL to the website + '/auth/google/callback'
- Copy the "Client ID" and "Client Secret" to the fields on your NodeBB website.
- Save then rebuild and restart the service.

#### **Error 400: url\_redirect\_mismatch**

If you notice this problem when trying to log into/register NodeBB with SSO it means that the OAuth has not been set up properly. Carefully read through the instructions again and properly set up the project before starting the "OAuth client ID". Also, make sure that the "Authorized Redirect URI" is correct.

#### **Error: Too many redirects**

This is caused by NodeBB plugin 2FA, it attempts to redirect the newly registered user to authenticate using 2FA. To remove this error, log in as admin and configure 2FA to only be enforced on admin users. s