

## Gitlab 集成

### 1. SSO 集成

#### 1.1 gitlab 配置

应用管理->创建应用->配置重定向 url

The screenshot shows the 'Applications' page in the GitLab Admin Area. The application '206.9-TEST' is configured with the following details:

Field	Value
Application ID	8cdace953edebb1ab98a1!
Secret	d007077712375ee82e6b1:
Callback URL	http://192.168.0.41/securityRealm/finishLogin
Trusted	Y
Scopes	<ul style="list-style-type: none"><li>• <b>api</b> (Access the authenticated user's API)</li><li>• <b>read_user</b> (Read the authenticated user's personal information)</li><li>• <b>sudo</b> (Perform API actions as any user in the system)</li><li>• <b>read_repository</b> (Allows read-access to the repository)</li><li>• <b>openid</b> (Authenticate using OpenID Connect)</li></ul>

At the bottom, there are two buttons: 'Edit' (blue) and 'Destroy' (red).

#### 1.2 Jenkins 配置

注意：配置前备份 config.xml 文件，如果 jenkins 前面有代理需要改一下 upstream 名称，因为这个名称会自动填充为 redirect\_url 地址。

The screenshot shows the 'Security Realm' configuration page in Jenkins. The 'GitLab Authentication Plugin' is selected and highlighted with a green box. Below it, the 'Global GitLab OAuth Settings' are configured:

Field	Value
GitLab Web URI	http://[redacted] gitlab地址
GitLab API URI	http://[redacted] gitlab地址
Client ID	8c[redacted] f481b7 gitlab中的client id
Client Secret	d[redacted] 557a29 gitlab中的客户端密钥

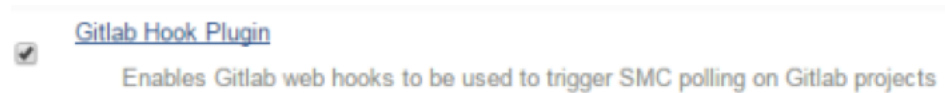
At the bottom, there are four radio button options for authentication methods:

- ☒ Jenkins专用户数据库
- ☐ Keycloak Authentication Plugin
- ☐ LDAP
- ☐ Login with OpenShift

## 2. WebHook 集成

### 2.1 Jenkins 配置

安装 gitlab hook 插件



选择一个项目，在构建触发器模块选择通过 gitlab 触发。生成 token

### 2.2 Gitlab 配置

进入项目 -> 项目设置 -> 集成

Project Repository Issues 0 Merge Requests 0 Pipelines Wiki **Settings**

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### Integrations

Webhooks can be used for binding events when something is happening within the project.

URL  
填写回调URL

Secret Token  
token

Use this token to validate received payloads. It will be sent with the request in the X-Gitlab-Token HTTP header.

Trigger

保存后测试连接情况

Webhooks (1)

http://192.168.174.128:9000 Push Events

SSL Verification: enabled Test

返回成功信息，此时可以查看 jenkins 项目是否正在 building。

Hook executed successfully: HTTP 200