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## 第14讲 Git GitLab 简介使用

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### 简介

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GitLab 是由 GitLabInc.开发，使用 MIT 许可证的基于网络的 Git 仓库管理工具，且具有 wiki 和 issue 跟踪功能。使用 Git 作为代码管理工具，并在此基础上搭建起来的 web 服务。

GitLab 由乌克兰程序员 DmitriyZaporozhets 和 ValerySizov 开发，它使用 Ruby 语言写成。后来，一些部分用 Go 语言重写。截止 2018 年 5 月，该公司约有 290 名团队成员，以及 2000 多名开源贡献者。GitLab 被 IBM, Sony, JülichResearchCenter, NASA, Alibaba, Invincea, O'ReillyMedia, Leibniz-Rechenzentrum(LRZ), CERN, SpaceX 等组织使用。

### GitLab 官网地址

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官网地址: <https://about.gitlab.com/>

Connect with new people and ideas at GitLab Commit 2022 →

# The One DevOps Platform

From planning to production, bring teams together in one application. Ship secure code faster, deploy to any cloud, and drive business results.

[Get free trial](#)
[What is GitLab? ▶](#)


安装说明: <https://gitlab.cn/install/>



## Ubuntu

18.04 LTS, 20.04 LTS

[View install instructions +](#)



## Debian

10, 11

[View install instructions +](#)



## AlmaLinux 8

and RHEL, Oracle, Scientific

[View install instructions +](#)



## CentOS 7

and RHEL, Oracle, Scientific

[View install instructions +](#)



## OpenSUSE Leap 15.3

and SUSE Linux Enterprise Server 12.2, 12.5

[View install instructions +](#)

### ON THIS PAGE

- [Official Linux package](#)
- [Kubernetes Deployments](#)
- [Supported cloud](#)
- [Other official methods](#)
- [Community-contributed](#)
- [Already installed?](#)

# 私有云服务器

<http://8.142.29.250:7091/>

# 登录

第一次登录需要修改root密码。



# GitLab

## A complete DevOps platform

GitLab is a single application for the entire software development lifecycle. From project planning and source code management to CI/CD, monitoring, and security.

This is a self-managed instance of GitLab.

Username or email

Password

☐ Remember me

[Forgot your password?](#)

Sign in

Don't have an account yet? [Register now](#)

# 创建远程库

More

Search or jump to...

Do you want to customize this page?

This page shows a list of your projects by default but it can be changed to show projects' activity, groups, your to-do list, assigned issues, assigned merge requests, and more. You can change this under "Homepage content" in your preferences

Go to preferences

Projects

New project

Your projects 10

Starred projects 0

Explore projects

Filter by name...

Name

All

Personal

More

Search or jump to...

## Create new project

Create blank project

Create a blank project to house your files, plan your work, and collaborate on code, among other things.

Create from template

Create a project pre-populated with the necessary files to get you started quickly.

Import project

Migrate your data from an external source like GitHub, Bitbucket, or another instance of GitLab.

You can also create a project from the command line. [Show command](#)



## Create blank project

Create a blank project to house your files, plan your work, and collaborate on code, among other things.

New project · Create blank project

Project name

iris

Project URL

http://8.142.29.250:7091/ root

Project slug

iris

Want to house several dependent projects under the same namespace? [Create a group.](#)

Project description (optional)

Description format

Visibility Level

☒ Private

Project access must be granted explicitly to each user. If this project is part of a group, access will be granted to members of the group.

☐ Internal

The project can be accessed by any logged in user except external users.

☐ Public

The project can be accessed without any authentication.

☐ Initialize repository with a README

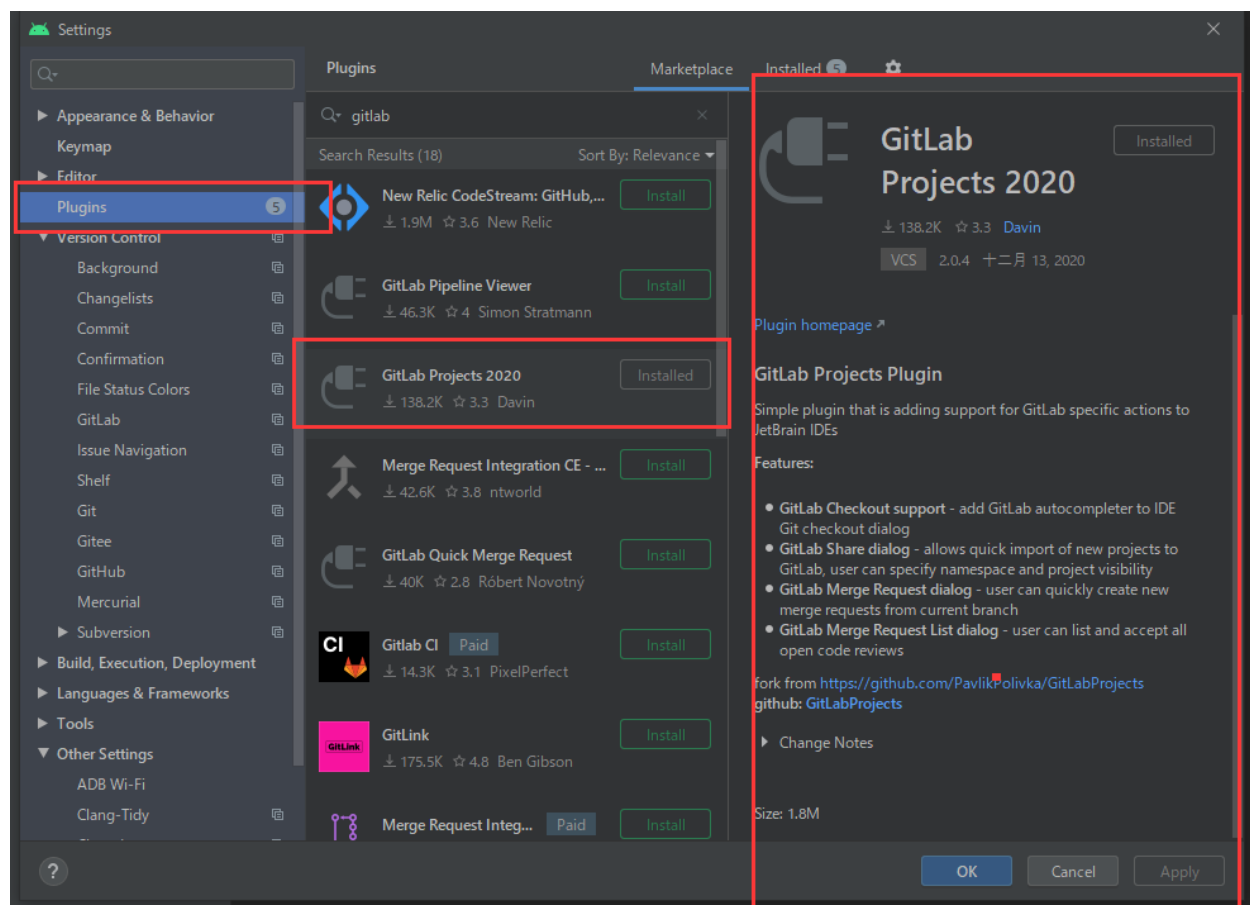
Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.

Create project

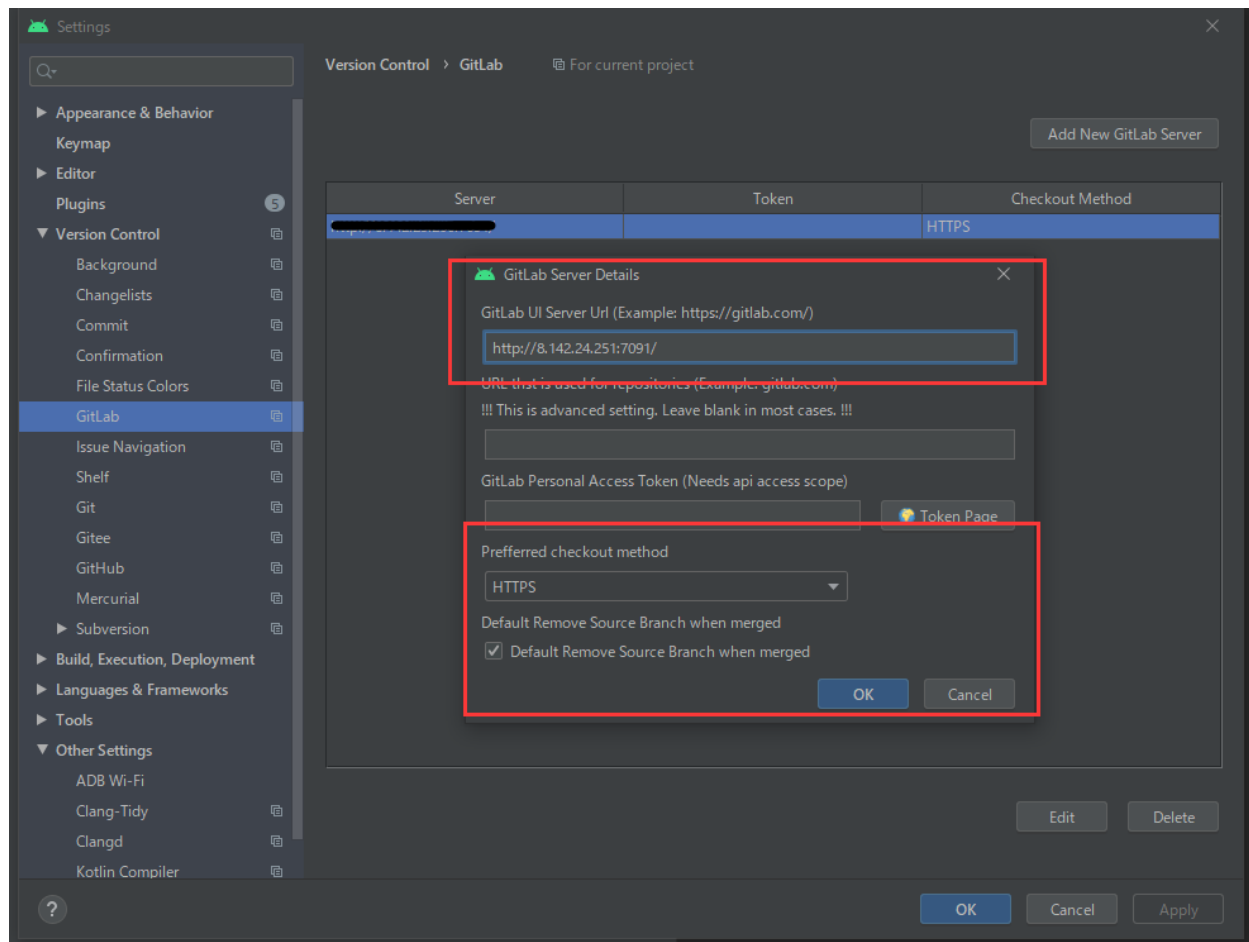
Cancel

# IDEA Android Studio集成 GitLab

## 1. 安装插件 GitLab Projects 2020。

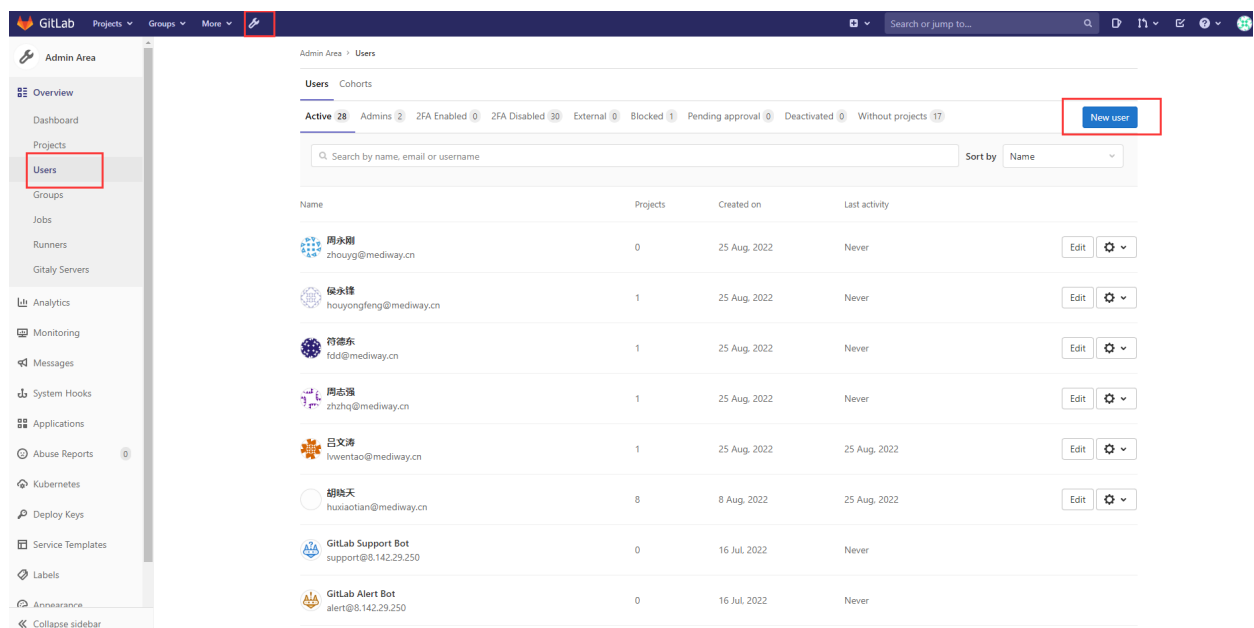


## 2. 添加服务器。



# 添加人员

1. 如图所示，点击Add User。



2. 填写信息，点击下方保存Create User。

## New user

## Account

Name	<input type="text" value="张三"/>
	* required
Username	<input type="text" value="zhangsan"/>
	* required
Email	<input type="text" value="zhangsan@qq.com"/>
	* required

## Password

Password **Reset link will be generated and sent to the user.  
User will be forced to set the password on first sign in.**

## Access

Projects limit	<input type="text" value="100000"/>
Can create group	<input checked="" type="checkbox"/>
Access level	<input checked="" type="radio"/> Regular
	Regular users have access to their groups and projects
	<input type="radio"/> Admin
	Administrators have access to all groups, projects and users and can manage all features in this installation

## 3. 如图所示，点击Edit。

The screenshot shows the GitLab Admin Area for a user named '张三' (zhangsan). The user's profile is displayed with fields for Name, Username, Email, ID, and Namespace. The 'Edit' button is highlighted with a red box. A red arrow points from the 'Edit' button to the 'Deactivate this user' section on the right, which lists the effects of deactivating a user.

**User was successfully created.**

**张三** [Impersonate](#) [Edit](#)

**Account** Groups and projects SSH keys Identities Impersonation Tokens

**张三**

Profile page: **zhangsan**

Profile

Member since **Aug 27, 2022 4:22am**

Account:

Name: **张三**

Username: **zhangsan**

Email: **zhangsan@qq.com** **Verified**

ID: **34**

Namespace ID: **38**

Two-factor Authentication: **Disabled**

**Deactivate this user**

Deactivating a user has the following effects:

- The user will be logged out
- The user will not be able to access git repositories
- The user will not be able to access the API
- The user will not receive any notifications
- The user will not be able to use slash commands
- When the user logs back in, their account will reactivate as a fully active account
- Personal projects, group and user history will be left intact

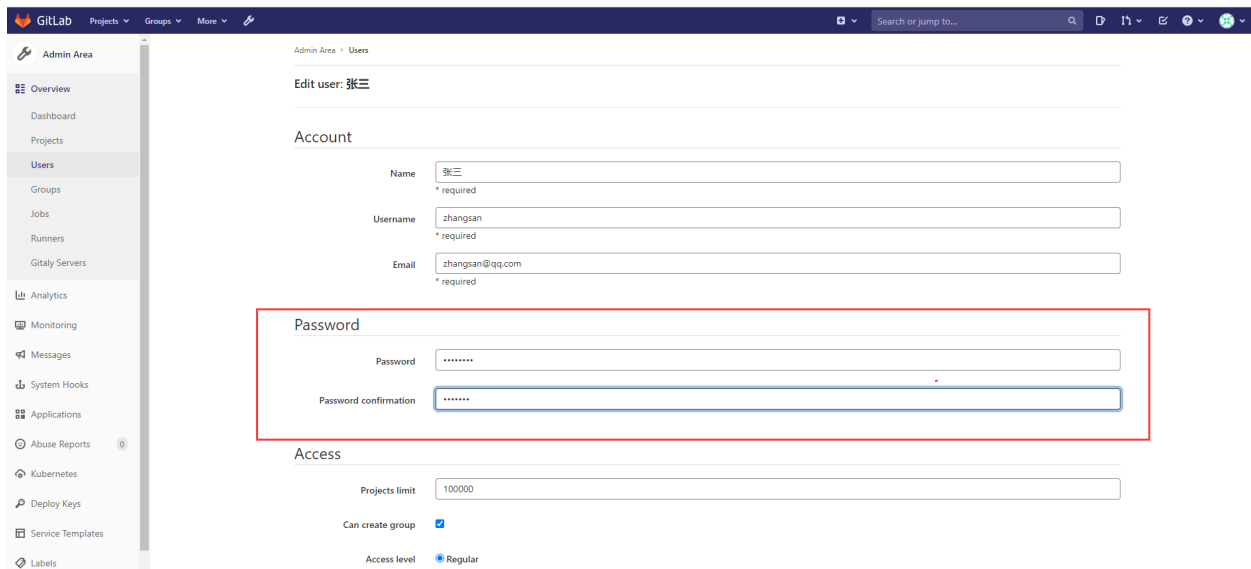
**Deactivate user**

**Block this user**

Blocking user has the following effects:

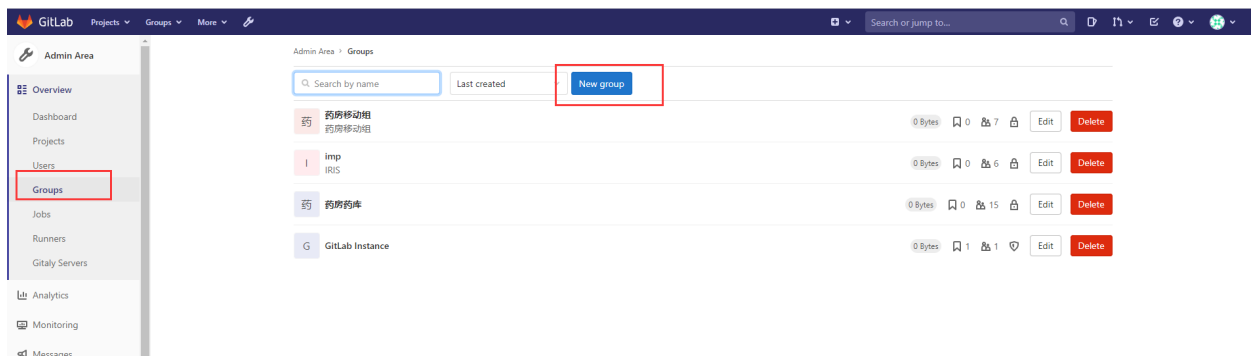
- User will not be able to login
- User will not be able to access git repositories
- Personal projects will be left
- Owned groups will be left

## 4. 输入密码，点击Save，Change即可。

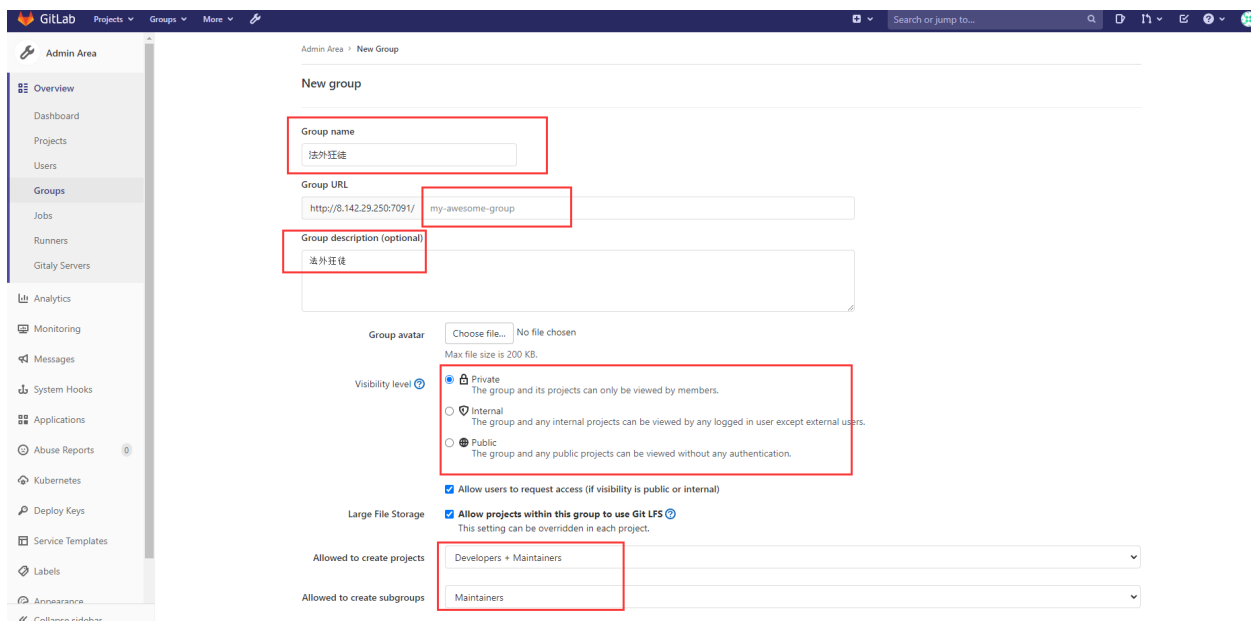


# 添加组

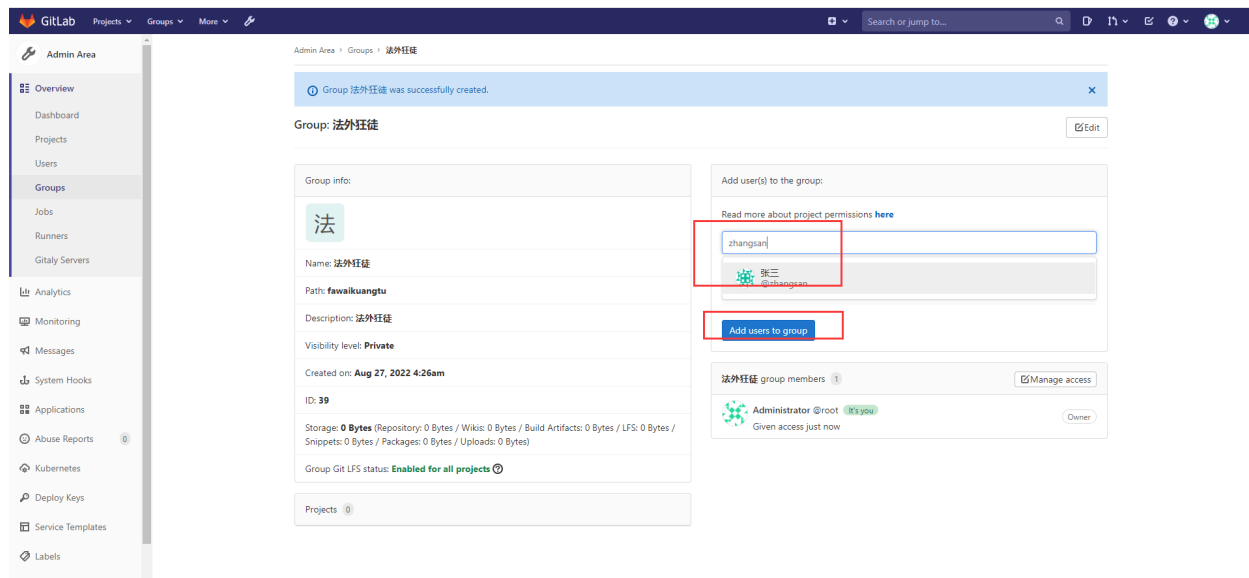
1. 如图所示，点击 New Group。



2. 填写信息，点击Create Group。

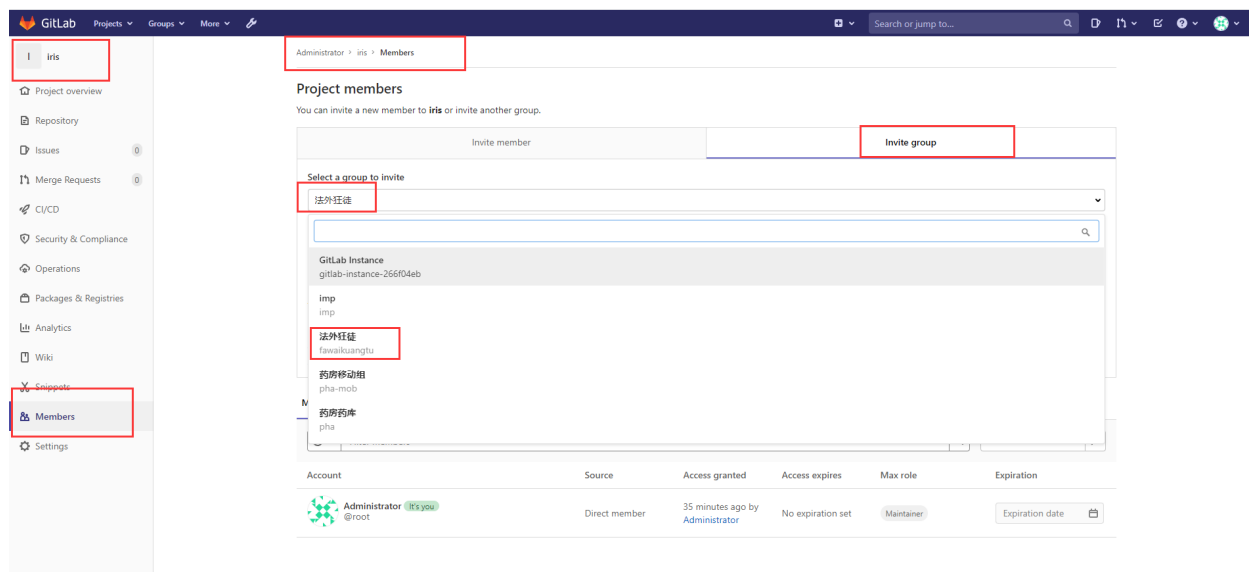


3. 添加成员



# 项目邀请成员和组。

- 邀请组
- 1. 选择组。



- 2. 点击Invite。



## Project members

You can invite a new member to **iris** or invite another group.

Invite member	Invite group
Select a group to invite 法外狂徒	
Max access level Developer <a href="#">Read more</a> about role permissions	
Access expiration date Expiration date	
<b>Invite</b>	

### Members 1

Account	Source	Access granted	Access expires	Max role	Expiration
Administrator @root <span>It's you</span>	Direct member	35 minutes ago by Administrator	No expiration set	Maintainer	Expiration date

- 邀请成员

1. 选择人员，角色，点击邀请即可。

The screenshot shows the GitLab interface for managing project members. The left sidebar contains navigation links: Project overview, Repository, Issues, Merge Requests, CI/CD, Security & Compliance, Operations, Packages & Registries, Analytics, Wiki, Snippets, Members (selected), and Settings. The main content area is titled 'Project members' and includes a sub-header 'You can invite a new member to **iris** or invite another group.' Below this is a form with two tabs: 'Invite member' (selected) and 'Invite group'. The 'Invite member' form has three main sections: 'GitLab member or Email address' with a text input containing '张三', 'Choose a role permission' with a dropdown menu set to 'Developer', and 'Access expiration date' with a text input. At the bottom of the form are 'Invite' and 'Import' buttons. Below the form is a table showing the current member list. The table has columns: Account, Source, Access granted, Access expires, Max role, and Expiration. It lists one member: Administrator @root, Direct member, 37 minutes ago by Administrator, No expiration set, Maintainer role, and an expiration date field.

2. 邀请成功。

GitLab

Projects

Groups

More

Search or jump to...

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?

Iris

Project overview

Repository

Issues0

Merge Requests0

CI/CD

Security & Compliance

Operations

Packages & Registries

Analytics

Wiki

Snippets

Members

Settings

Details

Activity

Releases

Users were successfully added.

You can invite a new member to **Iris** or invite another group.

Invite member

Invite group

GitLab member or Email address

Search for members to update or invite

Choose a role permission

Guest

Read more about role permissions

Access expiration date

Expiration date

InviteImport




Members2

Groups1

Filter members

Account

4

Account	Source	Access granted	Access expires	Max role	Expiration
 Administrator <span>It's you</span> @root	Direct member	38 minutes ago by Administrator	No expiration set	Maintainer	Expiration date 
 张三 @zhangsan	Direct member	just now by Administrator	No expiration set	Developer	Expiration date 