

安装部署 gitlab Runner

1. 下载 gitlab Runner 安装包

```
wget https://mirrors.tuna.tsinghua.edu.cn/gitlab-runner/yum/el7-aarch64/gitlab-runner-16.9.0-1.aarch64.rpm
# 也可在 https://mirrors.tuna.tsinghua.edu.cn/ 或 https://gitlab-runner-downloads.s3.amazonaws.com/latest/index.html 中下载符合自己环境的 gitlab Runner 安装包，这里以 gitlab-runner-16.9.0-1.aarch64.rpm 为例，进行手动下载后传至服务器
```

2. 安装 gitlab Runner 安装包

```
yum install -y git tar
rpm -ivh gitlab-runner-16.9.0-1.aarch64.rpm
```

3. 指定 gitlab-runner

```
useradd Kunpeng_staff
gitlab-runner uninstall
gitlab-runner install --working-directory /home/Kunpeng_staff --user Kunpeng_staff
```

4. 启动 gitlab-runner

```
systemctl daemon-reload          #重新加载配置
systemctl start gitlab-runner     #启动服务
systemctl enable gitlab-runner    #设置开机启动
systemctl restart gitlab-runner   #重启服务
```

4. 查看 gitlab-runner

```
systemctl status gitlab-runner
```

成功启动如下图所示

```
root@localhost home# systemctl status gitlab-runner
● gitlab-runner.service - Gitlab Runner
   Loaded: loaded (/etc/systemd/system/gitlab-runner.service; enabled; vendor preset: disabled)
   Active: active (running) since Sat 2016-02-27 16:08:09 CST; 36min ago
     Main PID: 123788 (gitlab-runner)
       Tasks: 40 (limit: 814436)
      Memory: 27.0M
     CGroup: /system.slice/gitlab-runner.service
             └─ 123788 /usr/bin/gitlab-runner run --working-directory /home/gitlab-runner --config /etc/gitlab-runner/config.toml --service gitlab-runner --user gitlab-runner

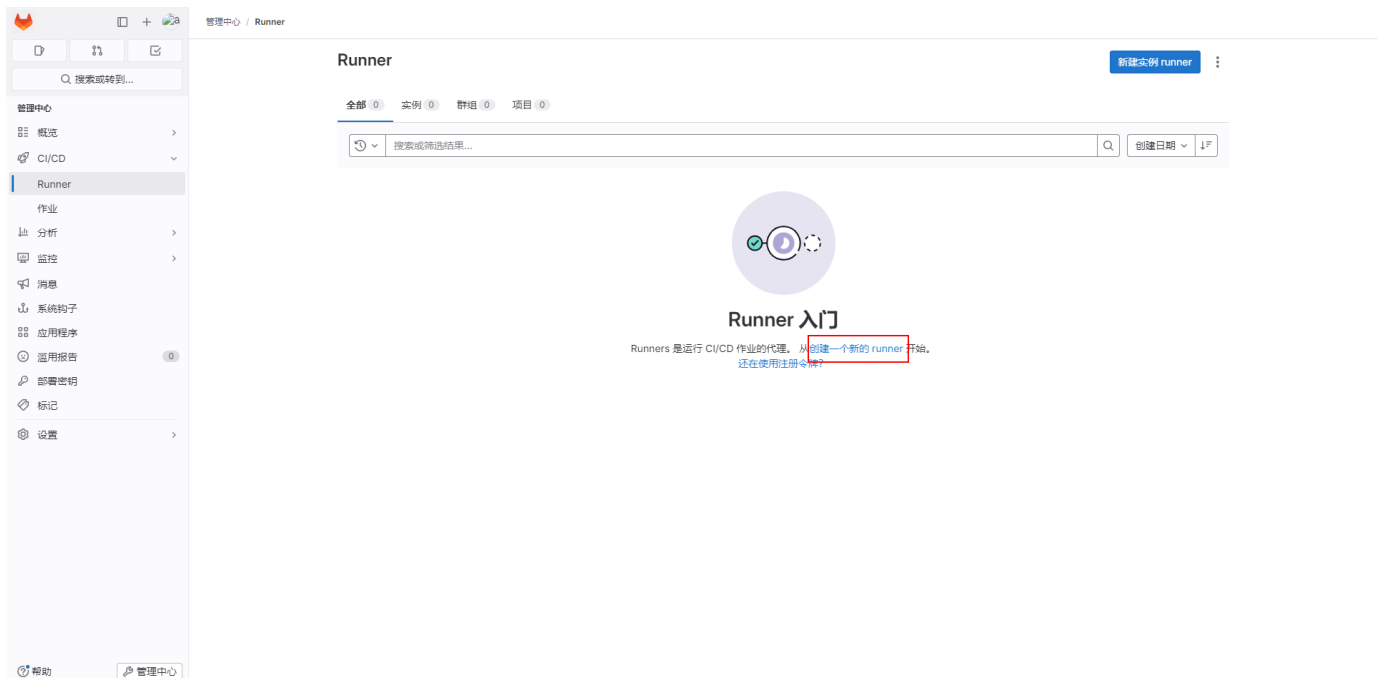
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Runtime platform arch=arm64 os=linux pid=123788 revision=656c1943 version=16.9.0
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Starting multi-runner from /etc/gitlab-runner/config.toml... builds=0 max_builds=0
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Running in system-mode.
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Created missing unique system ID system_id=s_c2c042740ad2 builds=0 max_builds=1
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Configuration loaded builds=0 max_builds=1
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Listen address not defined, metrics & debug endpoints disabled builds=0 max_builds=1
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: [session_server].listen_address not defined, session endpoints disabled builds=0 max_builds=1
Feb 27 16:08:09 localhost.localdomain gitlab-runner[123788]: Initializing executor providers builds=0 max_builds=1
Feb 27 16:10:36 localhost.localdomain systemd[1]: gitlab-runner.service: Current command vanished from the unit file, execution of the command list won't be resumed.
root@localhost home#
```

5. 设置权限

```
chown -R Kunpeng_staff.Kunpeng_staff /home/gitlab-runner
```

6. gitlab runner 注册服务

登录 gitlab，在管理中心 Runner 中新建一个 runner



标签多个时用逗号隔开，只可为kunpeng_scanner, kunpeng_builder, kunpeng_executor, 其他选项按需填写

操作系统

☒ Linux ☐ macOS ☐ Windows

容器

☒ Docker ☐ Kubernetes

标签

添加标签以指定 Runner 可运行的作业。 [了解详情。](#)

kunpeng_scanner, kunpeng_builder, kunpeng_executor

使用逗号分隔多个标签。例如， `macos, shared`。

☐ 运行未打标签的作业
除了标记的任务外，使用 Runner 来执行没有标签的任务。

配置 (可选)

Runner 描述

Worknode(66.53)Openeuler22.03

☐ 已暂停
停止 Runner 接收新的作业。

☐ 受保护
只为受保护的分支使用流水线上的Runner。

最大作业超时

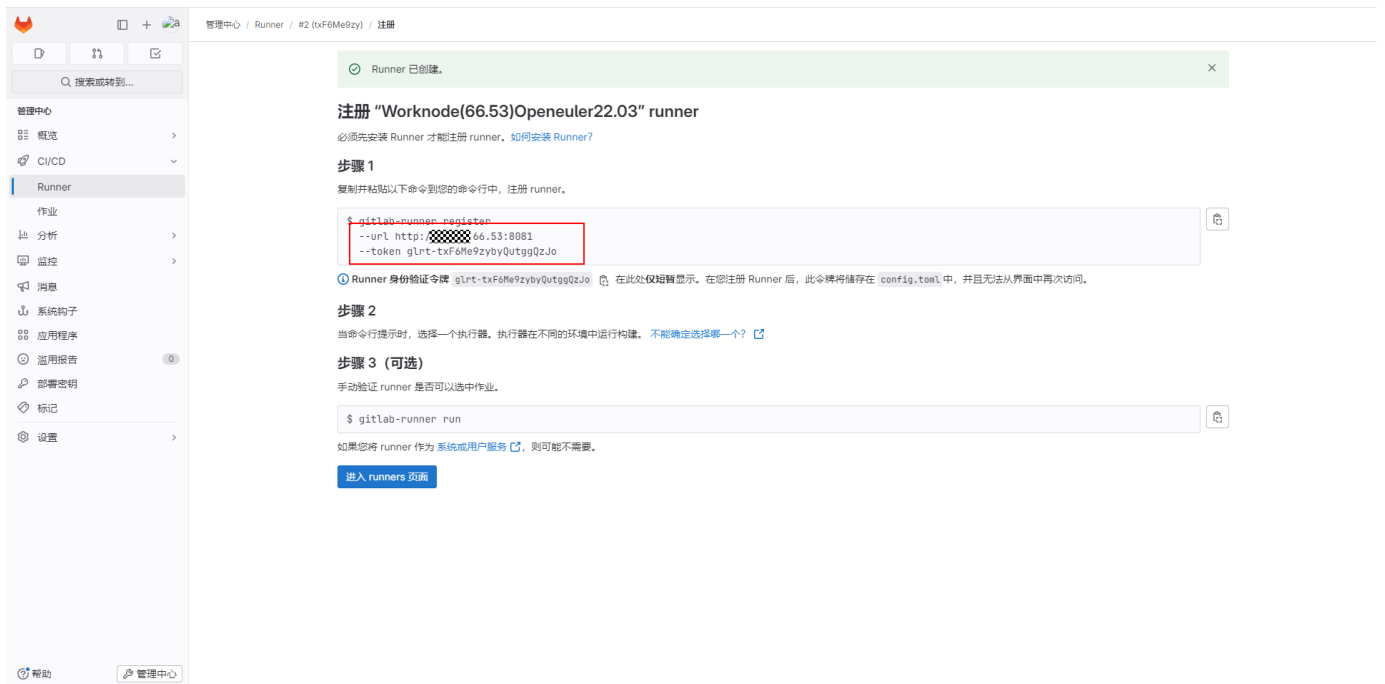
Runner 在结束前可以运行的最大时间。 如果一个项目的任务超时时间较短，则使用实例 Runner 的任务超时时间。

72000

请以秒为单位输入作业超时时间。必须至少 600 秒。

创建 runner

根据所示url, token去gitlab-runner环境注册



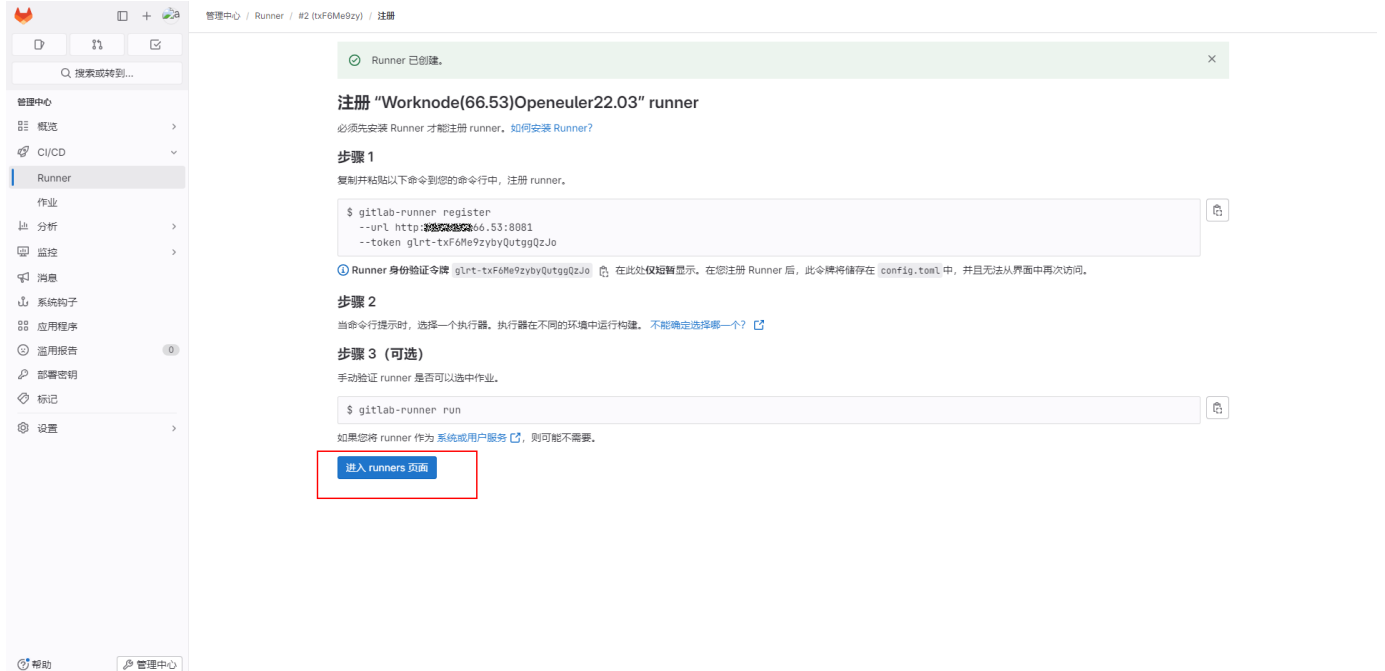
运行 `gitlab-runner register`，参数如图根据实际情况填写，注册成功后会显示 Runner registered successfully

```
[root@localhost home]# gitlab-runner register
Runtime platform
Running in system-mode.

Enter the GitLab instance URL (for example, https://gitlab.com/):
http://66.53:8081
Enter the registration token:
glrt-txF6Me9zybyQutggQzJo
Verifying runner... is valid
runner=txF6Me9zy
Enter a name for the runner. This is stored only in the local config.toml file:
[localhost.localdomain]: Kunpeng-gitlab-runner
Enter an executor: custom, virtualbox, docker-windows, docker+machine, kubernetes, docker-autoscaler, instance, shell, ssh, parallels, docker:
shell
Runner registered successfully. Feel free to start it, but if it's running already the config should be automatically reloaded!

Configuration (with the authentication token) was saved in "/etc/gitlab-runner/config.toml"
```

点击进入runners页面



管理中心 / Runner

新建实例 runner

全部 1 实例 1 群组 0 项目 0

搜索或筛选结果...

创建日期

在线 1 离线 0 Stale 0

状态

Runner

所有者

在线

空闲

#2 (txF6Me9zy) 实例

版本 16.9.0 - Worknode(66.53)Openuler22.03
最后联系: 34秒前 和 0 由 Administrator 创建于 1小时前
[kumpeng_scanner](#) [kumpeng_builder](#) [kumpeng_executor](#)

管理

暂停

删除

帮助

管理中心