

容器安装

[../docker/docker volume](#)

```
docker volume create --name fs-girlab-config --opt type=none --opt
device=/data/girlab/config --opt o=bind
```

```
docker volume create --name fs-girlab-data --opt type=none --opt
device=/data/girlab/data --opt o=bind
```

```
docker volume create --name fs-girlab-log --opt type=none --opt
device=/data/girlab/log --opt o=bind
```

```
docker volume create --name fs-girlab-redis --opt type=none --opt
device=/data/redis/data --opt o=bind
```

```
docker run -d -p 18086:8181 -p 1022:22 \
  --hostname "gitlab.free-sun.vip" \
  -e "GITLAB_SHELL_SSH_PORT=1022" \
  --name fs-gitlab \
  --restart always \
  --net=net-gitlab \
  -v fs-gitlab-config:/etc/gitlab \
  -v fs-gitlab-log:/var/log/gitlab \
  -v fs-gitlab-data:/var/opt/gitlab \
  gitlab/gitlab-ce:latest
```

```
docker run -d \
  -v fs-girlab-redis:/data \
  -p 6379:6379 \
  --net=net-gitlab \
  --name fs-gitlab-redis \
  redis:6-alpine
```

配置文件

```
vi /etc/gitlab/gitlab.rb
```

配置优化

配置使用外部 pg

[postgres](#)

```
-- 创建一个有创建数据库的权限的角色
CREATE ROLE gitlab WITH LOGIN PASSWORD 'mypassword!' SUPERUSER;

-- 创建数据库(没有数据库会提示初始化数据库失败)
create database "fsgitlab" owner "gitlab";

GRANT ALL PRIVILEGES ON DATABASE fsgitlab TO gitlab;
```

```
postgresql['enable'] = false
gitlab_rails['db_adapter'] = "postgresql"
gitlab_rails['db_encoding'] = "utf8"
gitlab_rails['db_database'] = "fsgitlab"
gitlab_rails['db_username'] = "gitlab"
gitlab_rails['db_password'] = "mypassword"
gitlab_rails['db_host'] = "10.8.40.223"
gitlab_rails['db_port'] = 5432
```

配置使用外部redis

```
# 禁用内部 redis
redis['enable'] = false

gitlab_rails['redis_host'] = "10.8.40.122"
gitlab_rails['redis_port'] = 6379
gitlab_rails['redis_database'] = 0
```

配置禁用内部nginx

```
nginx['enable'] = false
gitlab_workhorse['listen_network'] = "tcp"
gitlab_workhorse['listen_addr'] = "0.0.0.0:8181"
```

禁用其他服务

```
# 禁用容器仓库服务
gitlab_rails['registry_enabled'] = false
registry['enable'] = false

# 禁用 k8s 代理服务
gitlab_kas['enable'] = false

# 禁用 prometheus
prometheus['enable'] = false

# 禁用 grafana
grafana['enable'] = false
```

配置邮箱

```
gitlab_rails['smtp_enable'] = true
gitlab_rails['smtp_address'] = "smtp.exmail.qq.com"
gitlab_rails['smtp_port'] = 465
gitlab_rails['smtp_user_name'] = "anxinyunwarning@free-sun.com.cn"
gitlab_rails['smtp_password'] = "SGVd7FU7vesjj9su"
gitlab_rails['smtp_domain'] = "smtp.exmail.qq.com"
gitlab_rails['smtp_authentication'] = "login"
gitlab_rails['smtp_enable_starttls_auto'] = true
gitlab_rails['smtp_tls'] = true

gitlab_rails['gitlab_email_enabled'] = true

gitlab_rails['gitlab_email_from'] = 'anxinyunwarning@free-sun.com.cn'
gitlab_rails['gitlab_email_display_name'] = 'fs-gitlab'
```

k8s ingress 代理

`endpoints.yaml` :

```
apiVersion: v1
kind: Endpoints
metadata:
  name: fs-gitlab
  namespace: ops
subsets:
  - addresses:
      - ip: 10.8.40.122
    ports:
      - port: 18086
        name: web
```

`service.yaml` :

```
apiVersion: v1
kind: Service
metadata:
  name: fs-gitlab
  namespace: ops
spec:
  type: ClusterIP
  ports:
    - protocol: TCP
      name: web
      port: 18086
      targetPort: 18086
```

`ingress.yaml` :

```
apiVersion: extensions/v1beta1
kind: Ingress
metadata:
  name: ingress-fs-gitlab
  namespace: ops
  annotations:
    kubernetes.io/ingress.class: "nginx"
    nginx.ingress.kubernetes.io/rewrite-target: /
spec:
  rules:
    - host: gitlab.free-sun.vip
```

```
http:
  paths:
    - path: /
      pathType: Prefix
      backend:
        serviceName: fs-gitlab
        servicePort: 18086
```

常用命令

```
gitlab-ctl reconfigure
```

```
gitlab-ctl restart
```