

一、安装配置Gitlab

关闭防火墙

安装Omnibus Gitlab-ce packages:

Omnibus Gitlab 等相关配置初始化并完成安装

二、Gitlab的应用

一、安装配置Gitlab

关闭防火墙

```
1 [root@localhost yum.repos.d]# systemctl stop firewalld
2 [root@localhost yum.repos.d]# systemctl disable firewalld
3 Removed symlink /etc/systemd/system/dbus-
  org.fedoraproject.FirewallD1.service.
4 Removed symlink
  /etc/systemd/system/basic.target.wants/firewalld.service.
5 [root@localhost yum.repos.d]# vim /etc/sysconfig/selinux
6 # SELINUX=disabled
7 [root@localhost yum.repos.d]# reboot
8 [root@localhost ~]# getenforce
9 Disabled
10
```

安装Omnibus Gitlab-ce packages:

安装Gitlab 组件

```
1 # yum -y install curl policycoreutils openssh-server openssh-
  clients postfix
```

配置YUM仓库

```
1 # curl -sS
https://packages.gitlab.com/install/repositories/gitlab/gitlab-
ce/script.rpm.sh | sudo bash
```

启动postfix邮件服务 并使之开机自启动

```
1 # systemctl start postfix && systemctl enable postfix
```

安装Gitlab-ce 社区版本

```
1 # yum install -y gitlab-ce
```

Omnibus Gitlab 等相关配置初始化并完成安装

证书创建与配置加载

```
1 # mkdir -p /etc/gitlab/ssl
2 # openssl genrsa -out "/etc/gitlab/ssl/gitlab.example.com.key"
  2048
3 # openssl req -new -key "/etc/gitlab/ssl/gitlab.example.com.key"
  -out "/etc/gitlab/ssl/gitlab.example.com.csr"
4 依次输入：其他回车、域名、邮箱、密码如下设置
5 gitlab.example.com
6 admin@example.com
7 123456
8
9 # openssl x509 -req -days 365 -in
  "/etc/gitlab/ssl/gitlab.example.com.csr" -signkey
  "/etc/gitlab/ssl/gitlab.example.com.key" -out
  "/etc/gitlab/ssl/gitlab.example.com.crt"
10 创建pem证书
11 # openssl dhparam -out /etc/gitlab/ssl/dhparams.pem 2048
12 赋予所有证书文件600权限
13 将证书文件引入到gitlab中
14
```

修改本地hosts文件

- 1 增加一行
- 2 虚拟机ip gitlab.example.com

Nginx SSL 代理服务配置

```
1 vim /etc/gitlab/gitlab.rb
2 找到external_url 'https://gitlab.example.com'
3 找到 redirect_http_to_https
4 修改 nginx ['redirect_http_to_https'] =true 将所有http请求转发到
  https
5 找到ssl_certificate
6 修改 nginx ['ssl_certificate'] =
  "/etc/gitlab/ssl/gitlab.example.com.crt"
7 修改nginx ['ssl_certificate_key'] =
  "/etc/gitlab/ssl/gitlab.example.com.key"
8 修改nginx ['ssl_dhparam'] = /etc/gitlab/ssl/dhparams.pem
9 gitlab-ctl reconfigure
10 vim /var/opt/gitlab/nginx/conf/gitlab-http.conf
11 server_name 下面增加一行
12 rewrite ^(.*)$ https://$host$1 permanent;
13 gitlab-ctl restart
14
```

然后在浏览器访问域名

在网页新建项目并在本地克隆项目，第一次访问需要设置密码，设置之后用root登录

初始化Gitlab 相关服务并完成安装 在git bash 执行

```
1 git -c http.sslVerify=false clone
  https://gitlab.example.com/root/xxxx.git      避免本地证书无法克隆项
  目
2 要求输入账号密码 root / passwd
3 进入本地代码仓库之后
4 vim test.py
5 print "This is test code"
6 git add . #新增文件到本地仓库
7 git commit -m"这里是提交代码信息"
```

```
8 添加全局邮箱 用户名等信息
9  git config --global user.email "admin@example.com"
10 git config --global user.name "admin"
11 git commit -m"First commit"
12 git -c http.sslVerify=false push origin master 提交代码
13
```

二、Gitlab的应用

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