一、安装

**cpeiot@IOT-GP3:~/gerrit$ java -jar gerrit-2.11.2.war init -d review-site**

Using secure store: com.google.gerrit.server.securestore.DefaultSecureStore

\*\*\* Gerrit Code Review 2.11.2

\*\*\*

Create '/home/cpeiot/gerrit/review-site' [Y/n]? y

\*\*\* Git Repositories

\*\*\*

Location of Git repositories [git]:

\*\*\* SQL Database

\*\*\*

Database server type [h2]:

\*\*\* Index

\*\*\*

Type [LUCENE/?]:

\*\*\* User Authentication

\*\*\*

**Authentication method [OPENID/?]: development\_become\_any\_account**

\*\*\* Review Labels

\*\*\*

Install Verified label [y/N]?

\*\*\* Email Delivery

\*\*\*

SMTP server hostname [localhost]:

SMTP server port [(default)]:

SMTP encryption [NONE/?]:

SMTP username :

\*\*\* Container Process

\*\*\*

Run as [cpeiot]:

Java runtime [/usr/lib/jvm/java-7-openjdk-amd64/jre]:

Copy gerrit-2.11.2.war to /home/cpeiot/gerrit/review-site/bin/gerrit.war [Y/n]?

Copying gerrit-2.11.2.war to /home/cpeiot/gerrit/review-site/bin/gerrit.war

\*\*\* SSH Daemon

\*\*\*

Listen on address [\*]:

Listen on port [29418]:

Gerrit Code Review is not shipped with Bouncy Castle Crypto SSL v151

If available, Gerrit can take advantage of features

in the library, but will also function without it.

Download and install it now [Y/n]?

Downloading http://www.bouncycastle.org/download/bcpkix-jdk15on-151.jar ... !! FAIL !!

error: www.bouncycastle.org

Please download:

http://www.bouncycastle.org/download/bcpkix-jdk15on-151.jar

and save as:

/home/cpeiot/gerrit/review-site/lib/bcpkix-jdk15on-151.jar

Press enter to continue

Continue without this library [Y/n]?

Generating SSH host key ... rsa(simple)... done

\*\*\* HTTP Daemon

\*\*\*

Behind reverse proxy [y/N]?

Use SSL (https://) [y/N]?

Listen on address [\*]:

**Listen on port [8080]: 8088**

Canonical URL [http://IOT-GP3:8088/]:

\*\*\* Plugins

\*\*\*

Installing plugins.

Install plugin reviewnotes version v2.11.2 [y/N]?

Install plugin replication version v2.11.2 [y/N]?

Install plugin download-commands version v2.11.2 [y/N]?

Install plugin singleusergroup version v2.11.2 [y/N]?

Install plugin commit-message-length-validator version v2.11.2 [y/N]?

Initializing plugins.

No plugins found with init steps.

\*\*\* Gerrit Administrator

\*\*\*

**Create administrator user [Y/n]? y**

**username [admin]: cpeiot**

**name [Administrator]: cpeiot**

**email [admin@example.com]: lss@lucent.com**

**HTTP password [secret]: lss@lucent**

Initialized /home/cpeiot/gerrit/review-site

Executing /home/cpeiot/gerrit/review-site/bin/gerrit.sh start

Starting Gerrit Code Review: OK

Waiting for server on IOT-GP3:8088 ... OK

Opening http://IOT-GP3:8088/#/admin/projects/ ...OK

值得注意的是配置http端口的时候，保证你使用的端口没有被其他程序占用。

验证方式使用development\_become\_any\_account

同时创建Administrator用户

二、将用户的id\_rsa.pub存入gerrit中（web 点击用户名，setting ssh public keys）

三、验证用户

**sudo ssh -p 29418 -i ~/.ssh/id\_rsa localhost -l cpeiot**

出现下面

**\*\*\*\* Welcome to Gerrit Code Review \*\*\*\***

**Hi cpeiot, you have successfully connected over SSH.**

**Unfortunately, interactive shells are disabled.**

**To clone a hosted Git repository, use:**

**git clone ssh://cpeiot@IOT-GP3:29418/REPOSITORY\_NAME.git**

验证成功。

为了方便输入将在~/.ssh/config中配置用户信息

**Host cpeiot**

**HostName 135.252.145.126**

**User cpeiot**

**Port 29418**

**IdentityFile ~/.ssh/id\_rsa**

**第二部分**

1. Gerrit数据库的访问

一种是在gerrit服务器端调用gerrit.war包中的命令入口，

另外一种方法是远程SSH调用接口。

1. 启动数据库

首先停掉现有gerrit服务。

$ cp bin/gerrit.war .. 将bin中的gerrit.war拷贝到根目录(可修改)

$ java –jar gerrit.war init –d gerrit-http 创建操作目录gerrit-http

经过同上面类似的配置之后就可以登录数据库。

java -jar bin/gerrit.war gsql

【远程登录】使用管理员账号实现通过ssh登录(配置相关key)。

Ssh server gerrit gsql 管理数据库。

1. 使用数据库

查看当前可用的账户。

**select \* from ACCOUNT\_EXTERNAL\_IDS order by ACCOUNT\_ID;**

**SQL语法同MySQL类似。**

1. 远程管理

Ssh admin gerrit \*\*\*

**第三部分**

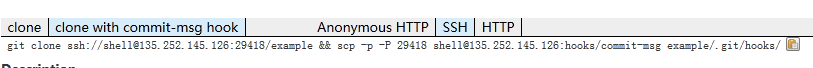
1. **添加Node**

**首先在web – ui [*http://135.252.145.126:8088*]创建用户，添加ssh-key。**

**验证：**

**$ ssh -p 29418 -i C:\\Users\\hwang029\\.ssh\\id\_rsa*[private\_key]* 135.252.145.126*[gerrit\_server\_ip]* -l shell*[username]***

**新加入的节点一般不需要（也不能）创建项目，直接选择【projects】**



**复制下面的链接，在本地clone.**

**即可在自己的本地工作空间编程。**

**代码提交**

**Git push origin HEAD:refs/for/master [具体提交到那个分支由管理员给指派]**

**【存在的问题】**

**Ssh admin gerrit gsql**

**fatal: admin does not have "Access Database" capability.**