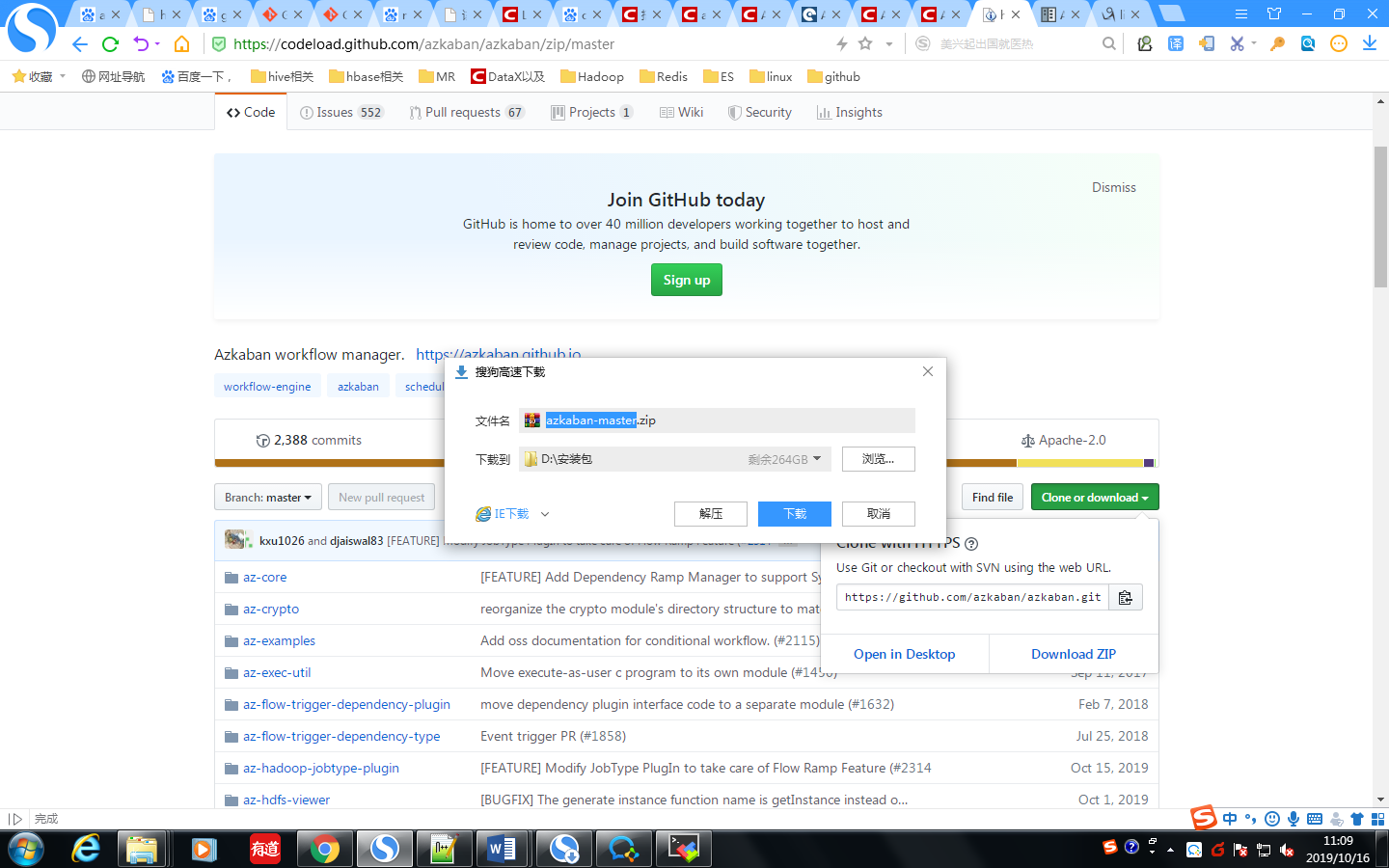
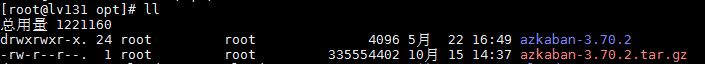
# azkaban安装部署文档（Multi Executor Server）

**一、下载源文件**：<https://github.com/azkaban/azkaban>



**二、上传到/opt/ 并解压**



**三、对源码文件进行编译：**

cd到azkaban-3.70.2目录下执行：./gradlew installDist

C:\Users\ADMINI~1\AppData\Local\Temp\企业微信截图_15711956523170.png

**四、MySQL数据库配置**

CREATE DATABASE IF NOT EXISTS azkaban DEFAULT CHARSET utf8 COLLATE utf8\_general\_ci; CREATE USER 'azkaban'@'%' IDENTIFIED BY 'azkaban';

GRANT All ON azkaban.\* to 'azkaban'@'%' WITH GRANT OPTION;

修改数据库配置：在my.cnf中将max\_allowed\_packet改为1024

vim /etc/my.cnf

max\_allowed\_packet=1024M

重启数据库服务

service mysql restart

**五、建表**

进入MySQL

use azkaban;

source /opt/azkaban-3.70.2/azkaban-db/build/install/azkaban-db/create-all-sql-0.1.0-SNAPSHOT.sql;

**六、配置azkaban-exec-server和azkaban-web-server的conf**

**配置地址：**

**azkaban-3.70.2/azkaban-web-server/build/install/azkaban-exec-server/conf**

**azkaban-3.70.2/azkaban-web-server/build/install/azkaban-web-server/conf**

**1. azkaban-exec-server的conf---azkaban.properties**

**# Azkaban Personalization Settings**

**azkaban.name=Test**

**azkaban.label=My Local Azkaban**

**azkaban.color=#FF3601**

**azkaban.default.servlet.path=/index**

**web.resource.dir=web/**

**default.timezone.id=Asia/Shanghai**

**# Azkaban UserManager class**

**user.manager.class=azkaban.user.XmlUserManager**

**user.manager.xml.file=conf/azkaban-users.xml**

**# Loader for projects**

**executor.global.properties=conf/global.properties**

**azkaban.project.dir=projects**

**# Velocity dev mode**

**velocity.dev.mode=false**

**# Azkaban Jetty server properties.**

**jetty.use.ssl=false**

**jetty.maxThreads=25**

**jetty.port=8081**

**#executor.port=12321**

**# Where the Azkaban web server is located**

**azkaban.webserver.url=http://192.168.0.197:8081**

**# mail settings**

**mail.sender=0049003362@znv.com**

**mail.host=smtp.znv.com**

**mail.user=0049003362@znv.com**

**mail.password=**

**mail.port=465**

**mail.tls=true**

**mail.useAuth=true**

**#mail.sender=**

**#mail.host=**

**# User facing web server configurations used to construct the user facing server URLs. They are useful when there is a reverse proxy between Azkaban web servers and users.**

**# enduser -> myazkabanhost:443 -> proxy -> localhost:8081**

**# when this parameters set then these parameters are used to generate email links.**

**# if these parameters are not set then jetty.hostname, and jetty.port(if ssl configured jetty.ssl.port) are used.**

**# azkaban.webserver.external\_hostname=myazkabanhost.com**

**# azkaban.webserver.external\_ssl\_port=443**

**# azkaban.webserver.external\_port=8081**

**job.failure.email=**

**job.success.email=**

**lockdown.create.projects=false**

**cache.directory=cache**

**# JMX stats**

**jetty.connector.stats=true**

**executor.connector.stats=true**

**# Azkaban plugin settings**

**azkaban.jobtype.plugin.dir=plugins/jobtypes**

**# Azkaban mysql settings by default. Users should configure their own username and password.**

**database.type=mysql**

**mysql.port=3306**

**mysql.host=119.3.61.59**

**mysql.database=azkaban**

**mysql.user=azkaban**

**mysql.password=Zxm10@@@**

**mysql.numconnections=100**

**# Azkaban Executor settings**

**executor.maxThreads=100**

**executor.flow.threads=60**

**#my add**

**job.max.Xms=2G**

**job.max.Xmx=3G**

**2. azkaban-exec-server的conf---azkaban.properties**

**# Azkaban Personalization Settings**

**azkaban.name=HuaWei\_gongyou\_cloud**

**azkaban.label=My Local Azkaban**

**azkaban.color=#FF3601**

**azkaban.default.servlet.path=/index**

**web.resource.dir=web/**

**default.timezone.id=Asia/Shanghai**

**# Azkaban UserManager class**

**user.manager.class=azkaban.user.XmlUserManager**

**user.manager.xml.file=conf/azkaban-users.xml**

**# Loader for projects**

**executor.global.properties=conf/global.properties**

**azkaban.project.dir=projects**

**# Velocity dev mode**

**velocity.dev.mode=false**

**# Azkaban Jetty server properties.**

**jetty.use.ssl=false**

**jetty.maxThreads=25**

**jetty.port=8081**

**# Azkaban Executor settings**

**# mail settings**

**#mail.sender=0049003362@znv.com**

**#mail.host=smtp.znv.com**

**#mail.user=0049003362@znv.com**

**#mail.password=**

**#mail.port=465**

**#mail.tls=true**

**#mail.useAuth=true**

**# User facing web server configurations used to construct the user facing server URLs. They are useful when there is a reverse proxy between Azkaban web servers and users.**

**# enduser -> myazkabanhost:443 -> proxy -> localhost:8081**

**# when this parameters set then these parameters are used to generate email links.**

**# if these parameters are not set then jetty.hostname, and jetty.port(if ssl configured jetty.ssl.port) are used.**

**# azkaban.webserver.external\_hostname=myazkabanhost.com**

**# azkaban.webserver.external\_ssl\_port=443**

**# azkaban.webserver.external\_port=8081**

**#job.failure.email=0049003362@znv.com**

**#job.success.email=**

**lockdown.create.projects=false**

**cache.directory=cache**

**# JMX stats**

**jetty.connector.stats=true**

**executor.connector.stats=true**

**# Azkaban mysql settings by default. Users should configure their own username and password.**

**database.type=mysql**

**mysql.port=3306**

**mysql.host=192.168.0.218**

**mysql.database=azkaban**

**mysql.user=azkaban**

**mysql.password=Zxm10@@@**

**mysql.numconnections=100**

**#Multiple Executor**

**azkaban.use.multiple.executors=true**

**#azkaban.executorselector.filters=StaticRemainingFlowSize,MinimumFreeMemory,CpuStatus**

**azkaban.executorselector.filters=StaticRemainingFlowSize,CpuStatus**

**azkaban.executorselector.comparator.NumberOfAssignedFlowComparator=1**

**azkaban.executorselector.comparator.Memory=1**

**azkaban.executorselector.comparator.LastDispatched=1**

**azkaban.executorselector.comparator.CpuUsage=1**

**# Azkaban Executor settings**

**executor.maxThreads=100**

**executor.flow.threads=60**

**#my add**

**job.max.Xms=2G**

**job.max.Xmx=3G**

**七、开启azkaban-web-server和azkaban-web-server**

cd azkaban-exec-server/build/install/azkaban-exec-server

./bin/start-exec.sh

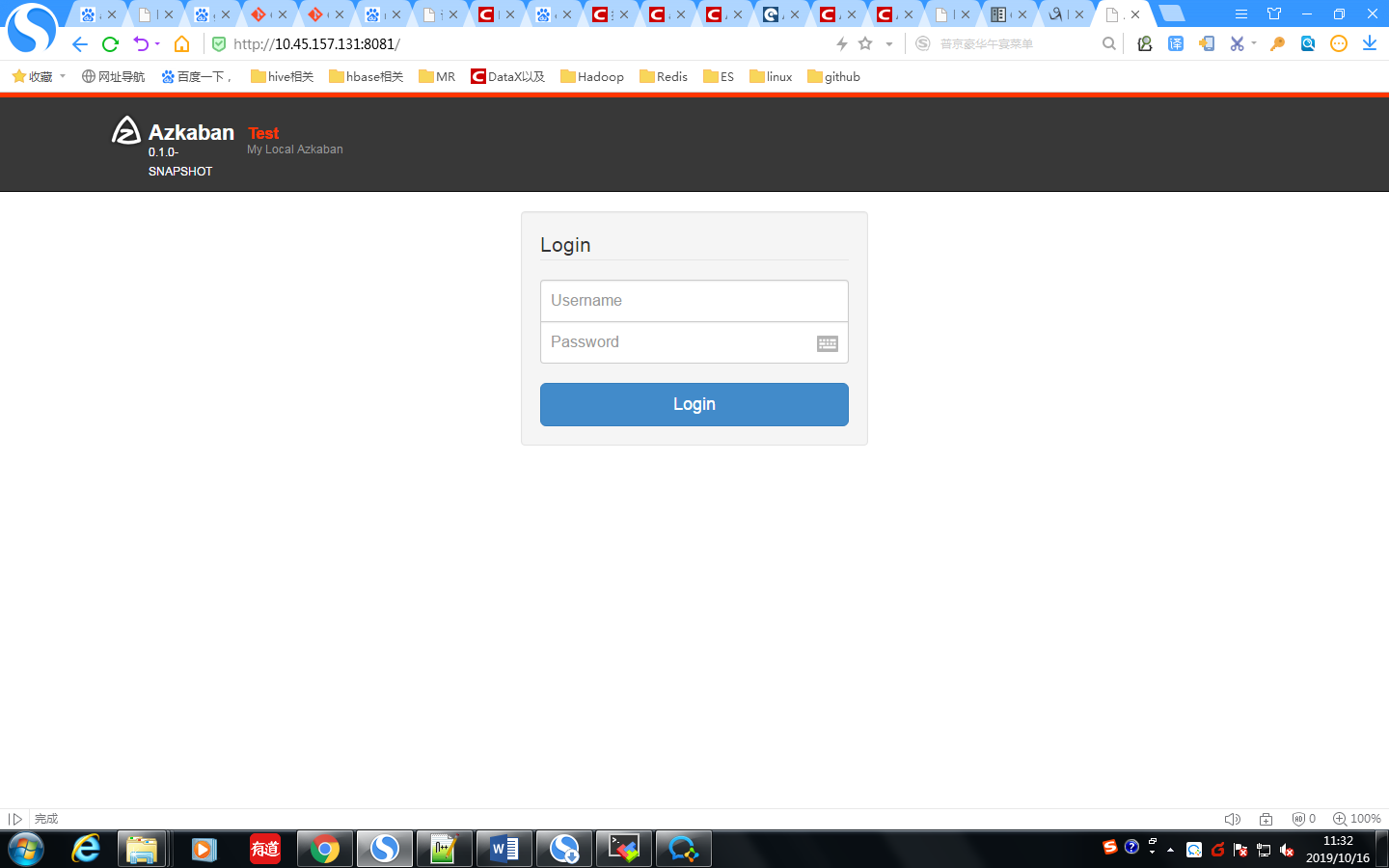
cd azkaban-exec-server/build/install/azkaban-exec-server

curl -G "localhost:$(<./executor.port)/executor?action=activate" && echo

cd azkaban-web-server/build/install/azkaban-web-server

./bin/start-web.sh

**八、**[**http://localhost:8081/**](http://localhost:8081/)



**八．配置邮箱提醒**

1. 在web端的conf目录下编辑azkaban.properties，加入如下配置

[mail.sender=0049003362@znv.com](mailto:mail.sender=0049003362@znv.com)（自己的邮箱地址）

mail.host=smtp.znv.com

mail.user=0049003362@znv.com（自己的邮箱地址）

mail.password=（自己的邮箱密码）

2.在job中加入任务运行错误时需要发送的邮箱地址

[failure.emails=\*\*\*@\*\*\*\*.com](mailto:failure.emails=***@****.com)

3.配置定时任务

