## cat安装配置说明及客户端配置

1：申请的cat服务ip

主机ip： 10.189.68.13，10.189.68.14    映射到域名：cat.erick.net

192.168.192.189 cat-console NAT：10.189.68.13

192.168.192.190 cat-server01

192.168.192.191 cat-server02 NAT：10.189.68.14

192.168.192.192 mysql-slave

192.168.192.178 mysql-master

192.168.192.194

PS:最好域名在防火墙映射到cat的8080端口即可

1：目前的环境配置

1：cat-server三台服务器（192.168.192.189，192.168.192.190，192.168.192.191）

其中192.168.192.189 这台机器和办公室标机打通地址是（NAT：10.189.68.13）--主（console）服务器，

其中192.168.192.191 这台机器和办公室标机打通地址是（NAT：10.189.68.14）--备（console）服务器，

2：cat-mysql两台服务器（192.168.192.178，192.168.192.192）

其中192.168.192.178 这台机器作为cat-master使用

其中192.168.192.192 这台机器作为cat-master使用

2：安装如下：

1：jdk-6u45-linux-x64.bin

2：apache-maven-3.2.5-bin.tar.gz

3：apache-tomcat-7.0.64.tar.gz

以上三个软件安装的环境变量如下：

#########javahome######

export JAVA\_HOME=/usr/local/jdk

export CLASSPATH=.:$JAVA\_HOME/lib:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar

export PATH=$PATH:$JAVA\_HOME/bin

export JRE\_HOME=$JAVA\_HOME/jre

########mavenhome######

export MAVEN\_HOME=/usr/local/maven

export PATH=$JAVA\_HOME/bin:$JAVA\_HOME/jre/bin:$MAVEN\_HOME/bin:$PATH

#######tomcathome#####

export TOMCAT\_HOME=/usr/local/tomcat

export CLASSPATH\_HOME=/usr/local/tomcat

#######scripts#######

export SCRIPTS\_HOME=/usr/local/scripts

export PATH=$PATH:$SCRIPTS\_HOME/

1：安装jdk

[root@cat-server-nm02 ~]# cd /usr/local/wenjian/

[root@cat-server-nm02 wenjian]# mkdir ../jdk

[root@cat-server-nm02 wenjian]# mkdir ../tomcat

[root@cat-server-nm02 wenjian]# mkdir ../maven

[root@cat-server-nm02 wenjian]# ./jdk-6u45-linux-x64.bin -C ../jdk/

[root@cat-server-nm02 jdk]# mv ../wenjian/jdk1.6.0\_45/\* .

[root@cat-server-nm02 jdk]# ls

bin COPYRIGHT db include jre lib LICENSE man README.html src.zip THIRDPARTYLICENSEREADME.txt

[root@cat-server-nm02 jdk]# java -version

java version "1.6.0\_45"

Java(TM) SE Runtime Environment (build 1.6.0\_45-b06)

Java HotSpot(TM) 64-Bit Server VM (build 20.45-b01, mixed mode)

2：安装maven

[root@cat-server-nm02 wenjian]# pwd

/usr/local/wenjian

[root@cat-server-nm02 wenjian]# tar zxvf apache-maven-3.2.5-bin.tar.gz -C ../maven/

[root@cat-server-nm02 maven]# mvn -v

Apache Maven 3.2.5 (12a6b3acb947671f09b81f49094c53f426d8cea1; 2014-12-15T01:29:23+08:00)

Maven home: /usr/local/maven

Java version: 1.6.0\_45, vendor: Sun Microsystems Inc.

Java home: /usr/local/jdk/jre

Default locale: en\_US, platform encoding: UTF-8

OS name: "linux", version: "2.6.32-431.el6.x86\_64", arch: "amd64", family: "unix"

3：安装tomcat

[root@cat-server-nm02 wenjian]# tar zxvf apache-tomcat-7.0.64.tar.gz -C ../tomcat/

需要修改catalina.sh这个文件

export TOMCAT\_HOME=/usr/local/tomcat

export CATALINA\_HOME=/usr/local/tomcat

export JRE\_HOME=/usr/local/jdk/jre

export JAVA\_HOME=/usr/local/jdk

CATALINA\_OPTS="$CATALINA\_OPTS -server -Djava.awt.headless=true -Xms8g -Xmx8g -Xss256k -XX:PermSize=512m -XX:MaxPermSize=1024m -XX:New

Size=1024m -XX:MaxNewSize=1024m -XX:SurvivorRatio=22 -XX:+UseParNewGC -XX:ParallelGCThreads=4 -XX:MaxTenuringThreshold=9 -XX:+UseConc

MarkSweepGC -XX:+DisableExplicitGC -XX:+UseCMSInitiatingOccupancyOnly -XX:+ScavengeBeforeFullGC -XX:+UseCMSCompactAtFullCollection -X

X:+CMSParallelRemarkEnabled -XX:CMSFullGCsBeforeCompaction=9 -XX:CMSInitiatingOccupancyFraction=60 -XX:+CMSClassUnloadingEnabled -XX:

SoftRefLRUPolicyMSPerMB=0 -XX:-ReduceInitialCardMarks -XX:+CMSPermGenSweepingEnabled -XX:CMSInitiatingPermOccupancyFraction=70 -XX:+E

xplicitGCInvokesConcurrent -Djava.nio.channels.spi.SelectorProvider=sun.nio.ch.EPollSelectorProvider -Djava.util.logging.manager=org.

apache.juli.ClassLoaderLogManager -Djava.util.logging.config.file="$CATALINA\_HOME/conf/logging.properties" -XX:+PrintGCDetails -XX:+P

rintGCTimeStamps -XX:+PrintGCApplicationConcurrentTime -XX:+PrintHeapAtGC -Xloggc:/data/applogs/heap\_trace.txt -XX:-HeapDumpOnOutOfMemoryError -XX:HeapDumpPath=/data/applogs/HeapDumpOnOutOfMemoryError"

#CATALINA\_OPTS="$CATALINA\_OPTS -Dcom.sun.management.snmp.port=9998 -Dcom.sun.management.snmp.interface=localhost"

CATALINA\_OPTS="$CATALINA\_OPTS -Duser.timezone=Asia/Shanghai -Dclient.encoding.override=UTF-8 -Dfile.encoding=UTF-8"

# CATALINA\_OPTS="$CATALINA\_OPTS -Dclient.encoding.override=UTF-8 -Dfile.encoding=UTF-8 -Duser.language=zh -Duser.region=CN"

CATALINA\_OPTS="$CATALINA\_OPTS -Xdebug -Xrunjdwp:transport=dt\_socket,address=8787,server=y,suspend=n"

把tomcat.sh传到,用于管理tomcat

[root@cat-server-nm02 scripts]# ll

total 4

-rwxr-x--- 1 root root 1262 Dec 22 11:24 tomcat.sh

[root@cat-server-nm02 scripts]# pwd

/usr/local/scripts

以上完成环境布置，以下开始安装cat

1:创建cat所需要的目录：

[root@cat-server-nm02 scripts]# mkdir -pv /data/appdatas/cat/

mkdir: created directory `/data'

mkdir: created directory `/data/appdatas'

mkdir: created directory `/data/appdatas/cat/'

[root@cat-server-nm02 ~]# mkdir -pv /data/applogs/cat/

mkdir: created directory `/data/applogs'

mkdir: created directory `/data/applogs/cat/'

[root@cat-server-nm02 ~]#chmod 777 –R /data

2:把两个文件server.xml，datasources.xml传到/data/appdatas/cat/目录下

3:修改tomcat的默认首页为cat的首页

修改tomcat的默认首页

1.我在$tomcat/webapps/下建了个cat目录作为我网站的默认目录

4.然后，修改$tomcat/conf/web.xml文件。

在web.xml文件中，有一段如下：

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

</welcome-file-list>

6：需要把ROOT目录下的内容全部清除

7：需要把work目录里面全部清除

【【【客户端，我们使用的是jboss容器】】】

{JBOSS\_HOME}/modules/sun/jdk/main/module.xml

1：在xml节点module>dependencies>system>paths下新增配置:

<path name="com/sun/management"/>

2：在根目录新建目录(应用需要有读写权限)

/data/appdatas/cat

/data/applogs/cat

4：在目录/data/appdatas/cat/新建:

client.xml

并写入配置:

<?xml version="1.0" encoding="utf-8"?>

<config mode="client" xmlns:xsi="http://www.w3.org/2001/XMLSchema" xsi:noNamespaceSchemaLocation="config.xsd">

<servers>

<server ip="192.168.192.189" port="2280" http-port='8080'/>

<server ip="192.168.192.190" port="2280" http-port='8080'/>

<server ip="192.168.192.191" port="2280" http-port='8080'/>

</servers>

</config>

开发所需要的jar包：

foundation-service-2.2.0.jar

cat-client-1.3.6.jar

plexus-classworlds-2.2.2.jar

plexus-container-default-1.5.5.jar

plexus-utils-3.0.8.jar

xbean-reflect-3.4.jar

xbean-spring-3.12.jar

guava-16.0.jar

netty-all-4.0.24.Final.jar

gson-1.6.jar

netty-all-4.0.24.Final.jar

沟通邮件：

prod：

email\_config\_host=IP地址

email\_config\_port=25

email\_config\_username=username

email\_config\_password=passwd

测试：

email\_config\_port=25

email\_config\_protocol=smtp

email\_config\_host=ip地址

email\_config\_username=username

email\_config\_password=passwd

短信及邮件后台配置如下：

<?xml version="1.0" encoding="utf-8"?>

<sender-config>

<sender id="mail" url="IP地址:25" type="post" successCode="200" batchSend="true">

<par id="protocol=smtp"/>

<par id="from=erick@163.com"/>

<par id="user=username"/>

<par id="password=passwd"/>

</sender>

<sender id="sms" url="http://ip地址:端口/MongateCsSpSendSmsNew/MWGate/wmgw.asmx/MongateCsSpSendSmsNew" type="get" successCode="200" batchSend="false">

<par id="userId=number"/>

<par id="password=密码"/>

<par id="pszMobis=${receiver}"/>

<par id="pszMsg=${content}"/>

<par id="iMobiCount=${iMobiCount}"/>

</sender>

</sender-config>

PS：后续我们会把中间做的那一层发邮件及短信的代码发出来，希望能帮到大家