主机信息：CentOS release 6.5 (Final)

Tomcat版本： tomcat-7.0.59

Java版本：jdk-7.76

软件包：apache-tomcat-7.0.59.tar.gz

jdk-7u76-linux-x64.gz

apr-util-1.5.4.tar.gz

apr-iconv-1.2.1.tar.gz

apr-1.5.2.tar.gz

tomcat-native-1.1.33-src.tar.gz

GraphicsMagick-1.3.21.tar.gz

1. 卸载系统原有java环境

# rpm -e --nodeps java-1.7.0-openjdk-1.7.0.65-2.5.1.2.el6\_5.x86\_64  
# rpm -e --nodeps java-1.6.0-openjdk-1.6.0.0-11.1.13.4.el6.x86\_64

1. 安装jdk环境

# tar zxvf jdk-7u76-linux-x64.gz

# mv jdk1.7.0\_76/ /data/java

1. 安装tomcat

#tar zxvf apache-tomcat-7.0.59.tar.gz

#mv apache-tomcat-7.0.59 /data/tomcat

1. 安装apr，apr-iconv，apr-util，tomcat-native

mkdir /data/env

#cd apr-1.5.2

#yum -y install gcc-c++ ntpdate

# 同步时间

echo "\*/17 \* \* \* \* /usr/sbin/ntpdate 172.16.51.13">>/var/spool/cron/root

echo

#./configure --prefix=/data/env/apr

#make ;make install

注：安装apr报错rm: cannot remove `libtoolT': No such file or

直接打开/usr/local/src/apr-1.5.2/configure

注释掉：$RM “$cfgfile”

#cd apr-iconv-1.2.1

#./configure --prefix=/data/env/apr-iconv --with-apr=/data/env/apr/

#make ;make install

#cd apr-util-1.5

#./configure --prefix=/data/env/apr-util --with-apr=/data/env/apr --with-apr-iconv=/data/env/apr-iconv/bin/apriconv

#make;make install

#cd tomcat-native-1.1.33-src/jni/native/

#./configure --with-apr=/data/env/apr --with-java-home=/usr/local/java/

make;make install

添加环境变量(必须是/usr/local/apr/lib这个路径)：

export LD\_LIBRARY\_PATH=$LD\_LIBRARY\_PATH:/usr/local/apr/lib

启动tomcat时如看到如下字样，则成功。



1. 修改环境变量

#vim /etc/profile

#Java

JAVA\_HOME=/usr/local/jdk

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

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

JRE\_HOME=$JAVA\_HOME/jre

export LD\_LIBRARY\_PATH=$LD\_LIBRARY\_PATH:/usr/local/apr/lib

export JAVA\_HOME

export PATH

export CLASSPATH

##DubboMonitor

DUBBO\_HOME=/data/dubbo

export DUBBO\_HOME

export PATH=$PATH:$DUBBO\_HOME/bin:$DUBBO\_HOME/conf

##TOMCAT1

TOMCAT\_HOME1=/data/tomcat1

CATALINA\_HOME1=/data/tomcat1

CATALINA\_BASE1=/data/tomcat1

export TOMCAT\_HOME1 CATALINA\_HOME1 CATALINA\_BASE1

###TOMCAT2

TOMCAT\_HOME2=/data/tomcat2

CATALINA\_HOME2=/data/tomcat2

CATALINA\_BASE2=/data/tomcat2

export TOMCAT\_HOME2 CATALINA\_HOME2 CATALINA\_BASE2

###TOMCAT3

TOMCAT\_HOME3=/data/tomcat3

CATALINA\_HOME3=/data/tomcat3

CATALINA\_BASE3=/data/tomcat3

export TOMCAT\_HOME3 CATALINA\_HOME3 CATALINA\_BASE3

###TOMCAT4

TOMCAT\_HOME4=/data/tomcat4

CATALINA\_HOME4=/data/tomcat4

CATALINA\_BASE4=/data/tomcat4

export TOMCAT\_HOME4 CATALINA\_HOME4 CATALINA\_BASE4

#source /etc/profile

1. 修改tomcat配置文件

#vim /data/tomcat/bin/catalina.sh

#添加一行

JAVA\_OPTS="$JAVA\_OPTS -server -Xms2G -Xmx2G -Xmn600M -Xss256k -XX:PermSize=128m -XX:MaxPermSize=256m -XX:SurvivorRatio=1 -XX:MaxTenuringThreshold=10 -XX:+AggressiveOpts -XX:+UseFastAccessorMethods -XX:+UseBiasedLocking -XX:+UseParNewGC -XX:+UseConcMarkSweepGC -XX:CMSInitiatingOccupancyFraction=80 -XX:SoftRefLRUPolicyMSPerMB=0 -XX:+UseCMSCompactAtFullCollection -XX:LargePageSizeInBytes=128m -Dconf\_server\_host=172.16.51.16 -Denv=pre"

#vim /data/tomcat/conf/server.xml

<Connector port="8081"

executor="tomcatThreadPool"

protocol="org.apache.coyote.http11.Http11AprProtocol"

connectionTimeout="20000"

acceptCount="100"

disableUploadTimeout="true"

enableLookups="false"

URIEncoding="UTF-8"

redirectPort="8443" />

修改启动，关闭脚本

1. 配置启动脚本

#vim /usr/local/bin/tomde

### tomcat1,2,3 server shell script ###

source /etc/profile

tomcat\_dir="/data"

echo the tomcat you selected is tomcat$1

mkdir -p /data/rollback/`date +%F`

today=`date +%F`

case $2 in

start )

if [ -z "`ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v 'grep'`" ];then

$tomcat\_dir/tomcat$1/bin/startup.sh

else

echo "tomcat$1 has started!!!"

fi

;;

stop )

###判断进程是否存在

if [ ! -z "`ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep`" ] ;then

ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep|awk '{print $2}'|xargs kill -9

echo "Tomcat$1 killed"

else

echo "Tomcat$1 have killed"

fi

;;

restart )

###判断进程是否存在

if [ ! -z "`ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep`" ] ;then

ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep|awk '{print $2}'|xargs kill -9

echo "Tomcat killed"

sleep 2

$tomcat\_dir/tomcat$1/bin/startup.sh

else

echo "Tomcat$1 has killed"

$tomcat\_dir/tomcat$1/bin/startup.sh

fi

;;

rm)

###判断进程是否存在

if [ ! -z "`ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep`" ] ;then

ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep|awk '{print $2}'|xargs kill -9

echo "Tomcat$1 killed"

else

echo "Tomcat$1 have killed"

fi

echo "$tomcat\_dir/tomcat$1/webapps/\* will be removed"

rm -fr /data/tomcat$1/webapps/\*

;;

mv)

echo "$tomcat\_dir/tomcat$1/webapps/$3\* will be moved"

###判断进程是否存在

if [ ! -z "`ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep`" ];then

ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep|awk '{print $2}'|xargs kill -9

echo "Tomcat$1 killed"

else

echo "Tomcat$1 have killed"

fi

###判断webapps目录里的文件是否存在

if [ -z $3 ];then

echo "The war'file is not defined"

exit 1

else

if [ -d $tomcat\_dir/tomcat$1/webapps/$3 ];then

mkdir -p /data/rollback/$today/$3\_war

rm -fr /data/rollback/$today/$3\_war/\*

mv $tomcat\_dir/tomcat$1/webapps/$3\* /data/rollback/$today/$3\_war/

echo "moved $tomcat\_dir/tomcat$1/webapps/$3 to /data/rollback/$today/$3\_war"

else

echo "The war package is not exists!!!"

fi

fi

;;

# cp)

# echo "$tomcat\_dir/tomcat$1/webapps/\* will be moved"

# ###判断进程是否存在

# if [ ! -z "`ps -ef |grep tomcat$1 |grep -v grep`" ];then

# ps -ef |grep tomcat$1 |grep -v grep|awk '{print $2}'|xargs kill -9

# echo "Tomcat$1 killed"

# else

# echo "Tomcat$1 have killed"

# fi

# ###判断webapps目录里的文件是否存在

# counts=`ls /data/tomcat$1/webapps/|wc -w`

# if [ "$counts" != 0 ];then

# cp -ar /data/tomcat$1/webapps/\* /data/rollback/$today

# echo "copy /data/tomcat$1/webapps/\* to /data/rollback/$today"

# else

# echo "copy Twice!!!!"

# fi

# ;;

back)

###判断备份文件夹是否存在已备份文件

if [ -z $3 ];then

echo "The war'filename is not defined"

# ;;

back)

###判断备份文件夹是否存在已备份文件

if [ -z $3 ];then

echo "The war'filename is not defined"

else

echo "$tomcat\_dir/tomcat$1/webapps/$3 will be rollback"

if [ ! -d /data/rollback/$today/$3\_war ];then

echo "The war's filename is not correctlly"

else

counts=`ls /data/rollback/$today/$3\_war | wc -w`

if [ "$counts" != 0 ];then

if [ ! -z "`ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep`" ];then

ps -ef |grep "$tomcat\_dir/tomcat$1" |grep -v grep|awk '{print $2}'|xargs kill -9

echo "Tomcat$1 killed"

sleep 2

else

echo "Tomcat$1 have killed"

fi

rm -fr $tomcat\_dir/tomcat$1/webapps/$3\*

cp -ar /data/rollback/$today/$3\_war/$3\* $tomcat\_dir/tomcat$1/webapps/

echo "The version back to last time"

$tomcat\_dir/tomcat$1/bin/startup.sh

else

echo "The backup directory is empty!!!"

fi

fi

fi

;;

\*)

echo "usage: tomcat [options] start|stop|restart|rm|mv|back "

esac

1. 启动tomcat

#/data/tomcat/bin/startup.sh

1. 安装GM

#tar zxvf GraphicsMagick-1.3.21.tar.gz

#./configure

#make && make install