Apache+Tomcat实现动静分离

Apache功能扩展，是依靠模块来实现扩展的

1. 安装模块
2. 对模块进行配置

安装httpd

```
yum -y install httpd
```

安装tomcat

```
1. 安装jdk
# rpm -ivh jdk-8u131-linux-x64_.rpm

2. 安装tomcat
# tar zxf apache-tomcat-8.5.35.tar.gz
# mv apache-tomcat-8.5.35 /opt/tomcat

3. 启动tomcat
# /opt/tomcat/bin/startup.sh
```

安装JK模块

```
上传jk的源码安装包到主机
# ls tomcat-connectors-1.2.48-src.tar.gz
# tar zxf tomcat-connectors-1.2.48-src.tar.gz
# cd tomcat-connectors-1.2.48-src/native
安装依赖环境
# yum -y install gcc gcc-c++ httpd-devel
检测、编译并安装
# ./configure --with-apxs=/usr/bin/apxs && make && make install
```

配置jk模块

```
进入到jk的源码包安装路径的配置文件目录中
# cd /root/tomcat-connectors-1.2.48-src/conf

复制配置文件到httpd的配置文件目录，实现整合jk模块
# cp httpd-jk.conf  /etc/httpd/conf.d
# cp workers.properties /etc/httpd/conf

编辑worker配置文件，添加tomcat主机
# vim /etc/httpd/conf/workers.properties
只需要更改名为node1的worker的配置，修改如下
 73 worker.node1.host=localhost  # tomcat主机的IP地址
 74 worker.node1.port=8009       # tomcat的ajp端口，默认为8009
```

因为只有一个tomcat，所以node2的配置我们注释或者删除了

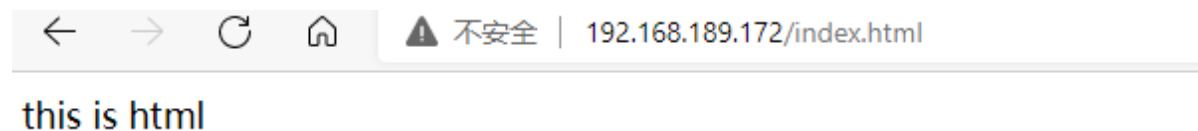修改httpd-jk.conf，配置转发规则，
vim /etc/httpd/conf.d/httpd-jk.conf

修改94行，删除注释，修改如下，意思是将所有以.jsp结尾的转发到balancer组,node1就在balancer组中
JkMount /*.jsp balancer
systemctl restart httpd

测试动静分离

```
vim /var/www/html/index.html
this is html
```

静态的访问，Apache处理

动态的访问，tomcat处理

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/8.5.35

If you're seeing this, you've successfully installed Tomcat. Congratulations!

[tomcat logo]

Recommended Reading:

Security Considerations HOW-TO

Manager Application HOW-TO