部署说明手册

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1. 环境

Linux

1. 软件

Jenkins

Subversion(可选)

Apache(可选)

Jdk 6

Tomcat(可选)

Python Jenkins模块

1. 安装步骤
2. Jdk 安装和配置

下载jdk jdk-6u38-ea-bin-b04-linux-i586-31\_oct\_2012.bin(x32)版本

jdk jdk-6u38-ea-bin-b04-linux-amd64-31\_oct\_2012.bin(x64)

下载地址: https://jdk6.java.net/download.html

进入到jdk存放目录

|  |
| --- |
| mkdir /usr/local/java  mv ./jdk-6u38-ea-bin-b04-linux-i586-31\_oct\_2012.bin /usr/local/java  cd /usr/local/java  chmod 755 ./jdk-6u38-ea-bin-b04-linux-i586-31\_oct\_2012.bin  ./jdk-6u38-ea-bin-b04-linux-i586-31\_oct\_2012.bin  一会按回车,继续安装到完成 |

设置环境变量 编辑 vi /etc/profile

|  |
| --- |
| export JAVA\_HOME=/usr/local/java/jdk1.6.0\_38  export JAVA\_BIN=/usr/local/java/jdk1.6.0\_38/bin  export PATH=$PATH:$JAVA\_HOME/bin  export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar  export JAVA\_HOME JAVA\_BIN PATH CLASSPATH |

使 /etc/profile立即生效

|  |
| --- |
| source /etc/profile |

1. 安装apache
2. 安装apr-1.3.6.tar.gz

|  |
| --- |
| tar zxvf apr-1.3.6.tar.gz  cd apr-1.3.6  ./configure  make  make install |

1. 安装apr-util

|  |
| --- |
| tar zxvf apr-util-1.3.8.tar.gz  cd apr-util-1.3.8  ./configure --with-apr=/usr/local/apr  make  make install |

1. 安装apache

|  |
| --- |
| tar zxvf httpd-2.2.9.tar.gz  cd httpd-2.2.9  ./configure --prefix=/usr/local/apache2.2.9 --enable-dav --enable-so --enable-maintainer-mode --with-apr=/usr/local/apr/bin/apr-1-config --with-apr-util=/usr/local/apr/bin/apu-1-config  make  make install  ln -s apache2.2.9 apache |

1. 安装subversion

|  |
| --- |
| apt-get install zlib1g-dev  tar zxvf subversion-1.8.5.tar.gz  unzip unzip sqlite-amalgamation.zip -d subversion-1.8.5  cd subversion-1.8.5  mv sqlite-amalgamation-3071501 sqlite-amalgamation  ./configure --prefix=/opt/svn --with-apxs=/usr/local/apache2.2.9/bin/apxs --with-apr=/usr/local/apr --with-apr-util=/usr/local/apr  make  make install |

配置svn

建立svn版本库目录

mkdir -p /home/charles/svndata/repos

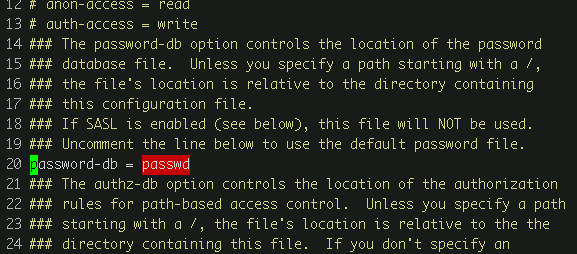
建立svn版本库

svnadmin create /home/charles/svndata/repos

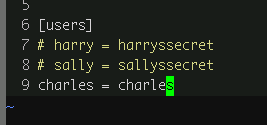
修改配置文件

vi /home/charles/svndata/repos/conf/svnserve.conf

去掉passwd-db = passwd的注释



修改passwd文件,增加用户和密码



启动svn服务

svnserve -d -r /home/charles/svndata/repos

1. 安装maven

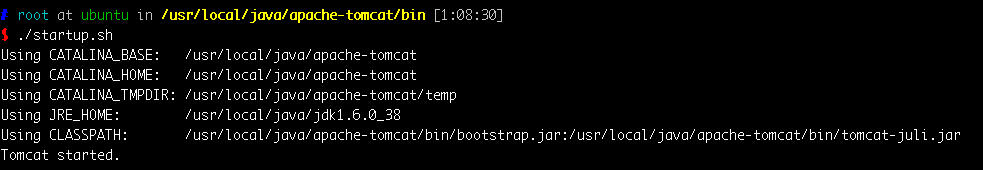
|  |
| --- |
| cp apache-maven-3.2.1-bin.zip /usr/local  cd /usr/local/  unzip apache-maven-3.2.1-bin.zip  ln -s apache-maven-3.2.1 apache-maven  配置环境变量  vi /etc/profile  export JAVA\_HOME=/usr/local/ jdk1.6.0\_38  export JAVA\_BIN=/usr/local/ jdk1.6.0\_38/bin  export M2\_HOME=/usr/local/ apache-maven  export PATH=$PATH:$JAVA\_HOME/bin:$M2\_HOME/bin  export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar  export JAVA\_HOME JAVA\_BIN PATH CLASSPATH  生效  source /etc/profile |

1. 安装tomcat

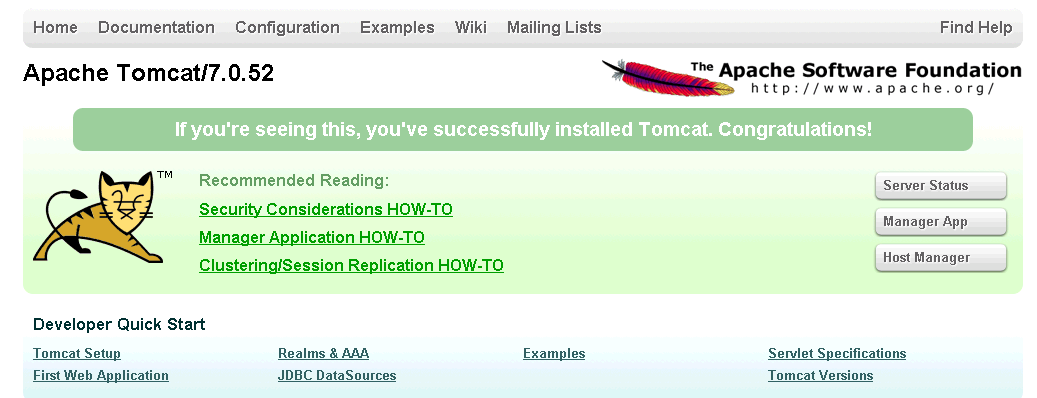
下载tomcat <http://tomcat.apache.org/download-70.cgi#7.0.2>

apache-tomcat-7.0.52.tar

|  |
| --- |
| cp apache-tomcat-7.0.52.tar /usr/local/  tar zxvf apache-tomcat-7.0.52.tar  ln -s apache-tomcat-7.0.52 apache-tomcat  cd apache-tomcat/bin  ./startup.sh |

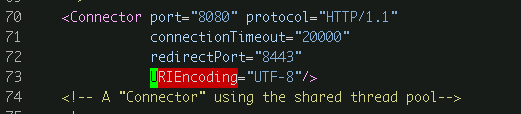


打开web页面 <http://localhost:8080>



修改utf8编码

vi /usr/local/java/apache-tomcat-7.0.52/conf/server.xml



1. 安装jenkins

下载地址: http://mirrors.jenkins-ci.org/war-stable/latest/jenkins.war

|  |
| --- |
| 6.1(方法1)直接运行  java -jar jenkins.war  在浏览中输入<http://10.142.55.97:8080>就可以看到该页面  6.2 (方法2) 复制jenkins.war到/usr/local /apache-tomcat/webapps下  cp jenkins.war /usr/local/ apache-tomcat/webapps  重启tomcat  打开url http://localhost:8080/jenkins |

6.2 配置环境变量

1. 安装插件

Publish Over SSH 🡪用来控制发布后执行脚本

1. 配置
   1. Linux slave

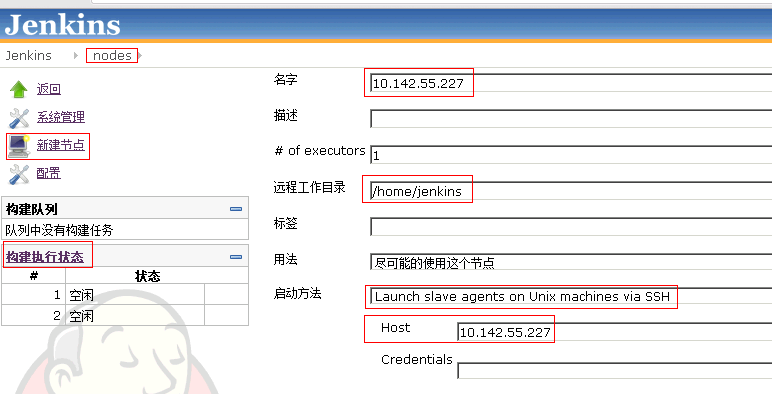
4.1.1 安装jdk(同 3.1 Jdk 安装和配置)

4.1.2 安装maven( 同 3.4安装maven)

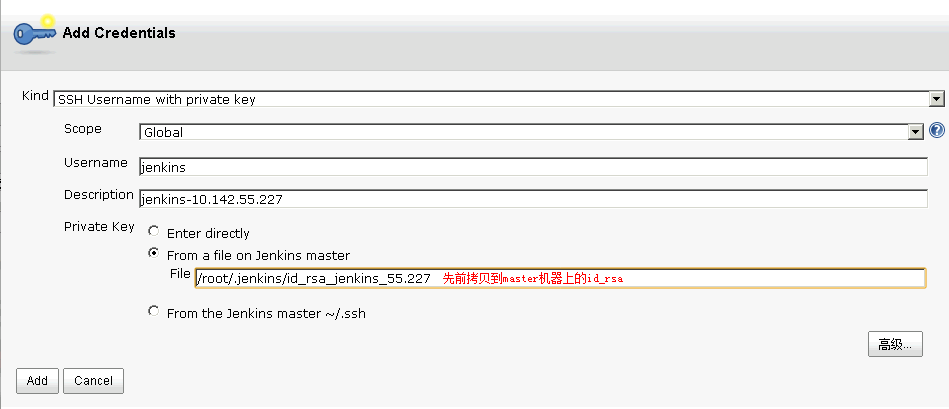
4.1.3 安装ssh服务

|  |
| --- |
| sudo /usr/sbin/useradd -m jenkins -d /home/Jenkins  echo “jenkins:jenkins” | chpasswd  su - jenkins切换到jenkins用户  java --version确保java安装正确  ssh-keygen 生成ssh key信息,按三次回车,表示把key存储在 /home/jenkins/.ssh/id\_rsa下,不设置密码  cd .ssh  cat id\_rsa.pub > authorized\_keys  chmod 700 authorized\_keys  将id\_rsa(相当于privatekey)拷贝到jenkins master机器上,例如/root/.jenkins/id\_rsa下 |

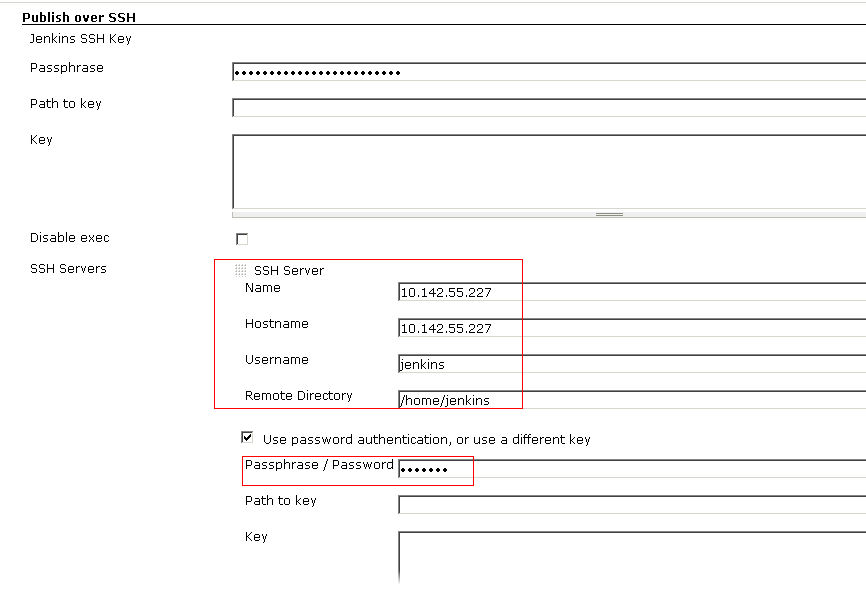
4.1.4 在jenkins页面上增加slave



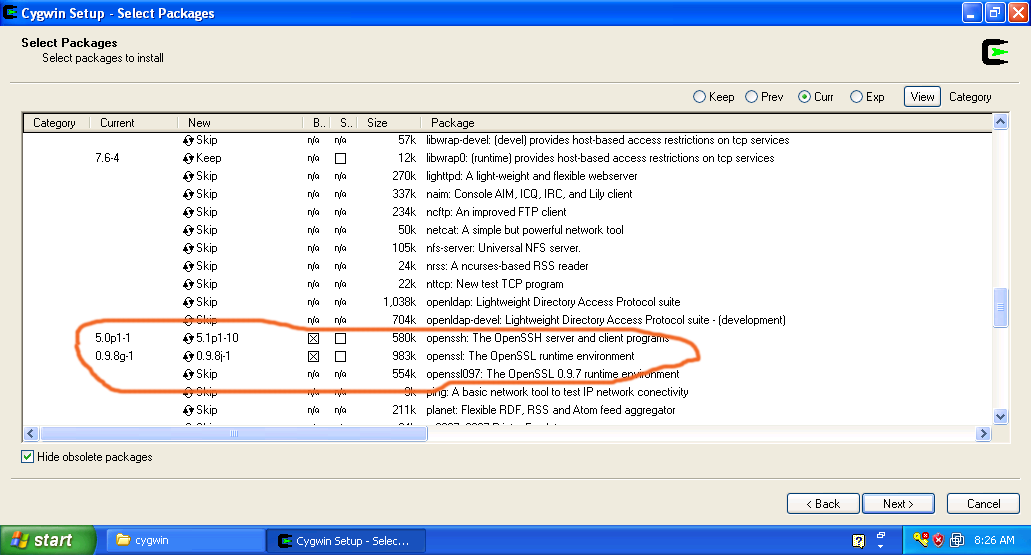
增加证书



设置 publish over ssh



1. windows
2. 安装cygwin
3. 选择安装ssh服务, 默认是不安装OpenSSH的，需要手动选择，在Net类别下选上OpenSSH和OpenSSL两项



1. 等待下载并完成安装，之后，设置环境变量，把 C:/cygwin/bin;C:/cygwin/usr/bin 加入到系统环境变量的Path中
2. 一键安装