http://www.alonely.com.cn/CentOS/20161006/49800.html

**CentOS上Jenkins安装记录**

2016-10-06 |　来源:网络 | 人气： | 关键字：

1.添加Jenkins的源（repository）: $sudowget-O/etc/yum.repos.d/jenkins.repohttp://jenkins-ci.org/redhat/jenkins.repo $sudorpm--importhttp://pkg.jenkins-ci.org/redhat/jenkins-ci.org.key 2.

**1. 添加Jenkins的源（repository）:**

$ sudo wget -O /etc/yum.repos.d/jenkins.repo http://jenkins-ci.org/redhat/jenkins.repo

$ sudo rpm --import http://pkg.jenkins-ci.org/redhat/jenkins-ci.org.key

**2. 安装/检查JDK:**

$ java --version

$ sudo yum install java-1.6.0-openjdk

**3. 安装Jenkins：**

$ sudo yum install jenkins

安装完成后，有如下相关目录：

**（3.1）/usr/lib/jenkins/：**jenkins安装目录，WAR包会放在这里。

$ cd /usr/lib/jenkins

$ ll

-rw-r--r-- 1 root root 52891723 Feb 27 00:13 jenkins.war

**(3.2) /etc/sysconfig/jenkins：**jenkins配置文件，“端口”，“JENKINS\_HOME”等都可以在这里配置。内容如下：

## Path: Development/Jenkins

## Description: Configuration for the Jenkins continuous build server

## Type: string

## Default: "/var/lib/jenkins"

## ServiceRestart: jenkins

#

# Directory where Jenkins store its configuration and working

# files (checkouts, build reports, artifacts, ...).

#

**JENKINS\_HOME="/var/lib/jenkins"**

## Type: string

## Default: ""

## ServiceRestart: jenkins

#

# Java executable to run Jenkins

# When left empty, we'll try to find the suitable Java.

#

JENKINS\_JAVA\_CMD=""

## Type: string

## Default: "jenkins"

## ServiceRestart: jenkins

#

# Unix user account that runs the Jenkins daemon

# Be careful when you change this, as you need to update

# permissions of $JENKINS\_HOME and /var/log/jenkins.

#

**JENKINS\_USER="jenkins"**

## Type: string

## Default: "-Djava.awt.headless=true"

## ServiceRestart: jenkins

#

# Options to pass to java when running Jenkins.

#

**JENKINS\_JAVA\_OPTIONS="-Djava.awt.headless=true"**

## Type: integer(0:65535)

## Default: 8080

## ServiceRestart: jenkins

#

# Port Jenkins is listening on.

# Set to -1 to disable

#

**JENKINS\_PORT="8080"**

## Type: integer(0:65535)

## Default: 8009

## ServiceRestart: jenkins

#

# Ajp13 Port Jenkins is listening on.

# Set to -1 to disable

#

**JENKINS\_AJP\_PORT="8009"**

## Type: integer(1:9)

## Default: 5

## ServiceRestart: jenkins

#

# Debug level for logs -- the higher the value, the more verbose.

# 5 is INFO.

#

JENKINS\_DEBUG\_LEVEL="5"

## Type: yesno

## Default: no

## ServiceRestart: jenkins

#

# Whether to enable access logging or not.

#

JENKINS\_ENABLE\_ACCESS\_LOG="no"

## Type: integer

## Default: 100

## ServiceRestart: jenkins

#

# Maximum number of HTTP worker threads.

#

JENKINS\_HANDLER\_MAX="100"

## Type: integer

## Default: 20

## ServiceRestart: jenkins

#

# Maximum number of idle HTTP worker threads.

#

JENKINS\_HANDLER\_IDLE="20"

## Type: string

## Default: ""

## ServiceRestart: jenkins

#

# Pass arbitrary arguments to Jenkins.

# Full option list: java -jar jenkins.war --help

#

JENKINS\_ARGS=""

**（3.3）/var/lib/jenkins/：**默认的JENKINS\_HOME。目录结构如下：

$ cd /var/lib/jenkins/

$ ls -lst

total 216

4 -rw-r--r-- 1 jenkins jenkins 0 Mar 18 23:59 Fingerprint cleanup.log

4 -rw-r--r-- 1 jenkins jenkins 0 Mar 18 18:54 Workspace clean-up.log

8 drwxr-xr-x 180 jenkins jenkins 4096 Mar 18 17:04 fingerprints

8 -rw-r--r-- 1 jenkins jenkins 1636 Mar 18 16:41 config.xml

8 -rw-r--r-- 1 jenkins jenkins 903 Mar 18 16:41 hudson.maven.MavenModuleSet.xml

8 -rw-r--r-- 1 jenkins jenkins 1122 Mar 18 16:41 hudson.plugins.sonar.SonarPublisher.xml

8 -rw-r--r-- 1 jenkins jenkins 205 Mar 18 16:41 hudson.plugins.sonar.SonarRunnerInstallation.xml

8 -rw-r--r-- 1 jenkins jenkins 196 Mar 18 16:41 hudson.scm.CVSSCM.xml

8 -rw-r--r-- 1 jenkins jenkins 692 Mar 18 16:41 hudson.scm.SubversionSCM.xml

8 -rw-r--r-- 1 jenkins jenkins 145 Mar 18 16:41 hudson.tasks.Ant.xml

8 -rw-r--r-- 1 jenkins jenkins 187 Mar 18 16:41 hudson.tasks.Mailer.xml

8 -rw-r--r-- 1 jenkins jenkins 330 Mar 18 16:41 hudson.tasks.Maven.xml

8 -rw-r--r-- 1 jenkins jenkins 76 Mar 18 16:41 hudson.tasks.Shell.xml

8 -rw-r--r-- 1 jenkins jenkins 215 Mar 18 16:41 hudson.triggers.SCMTrigger.xml

8 -rw-r--r-- 1 jenkins jenkins 264 Mar 18 16:41 jenkins.model.JenkinsLocationConfiguration.xml

8 -rw-r--r-- 1 jenkins jenkins 907 Mar 18 16:29 nodeMonitors.xml

8 -rw-r--r-- 1 jenkins jenkins 159 Mar 18 16:29 hudson.model.UpdateCenter.xml

8 -rw-r--r-- 1 jenkins jenkins 46 Mar 18 16:29 queue.xml.bak

8 drwxr-xr-x 2 jenkins jenkins 4096 Mar 18 16:24 updates

4 -rw-r--r-- 1 jenkins jenkins 0 Mar 16 10:27 Connection Activity monitoring to slaves.log

8 drwxr-xr-x 6 jenkins jenkins 4096 Mar 13 18:24 workspace

8 drwxr-xr-x 13 jenkins jenkins 4096 Mar 13 17:59 jobs

8 drwx------ 2 jenkins jenkins 4096 Feb 28 11:16 secrets

8 -rw-r--r-- 1 jenkins jenkins 165 Feb 27 13:29 sonar.xml

8 drwxr-xr-x 14 jenkins jenkins 4096 Feb 27 13:29 plugins

8 -rw------- 1 jenkins jenkins 1679 Feb 27 12:12 identity.key

8 drwxr-xr-x 2 jenkins jenkins 4096 Feb 27 12:12 userContent

8 -rw-r--r-- 1 jenkins jenkins 64 Feb 27 12:12 secret.key

4 -rw-r--r-- 1 jenkins jenkins 0 Feb 27 12:12 secret.key.not-so-secret

**（3.4）/var/log/jenkins/jenkins.log：**Jenkins日志文件。

**4. 启动Jenkins**

$ sudo service jenkins start

有可能出现错误：“Starting Jenkins -bash: /usr/bin/java: No such file or directory”。表示找不到Jenkins找不到java。

这时就需要“vi /etc/init.d/jenkins”，把java路径加上：

64 # Search usable Java. We do this because various reports indicated  
65 # that /usr/bin/java may not always point to Java 1.5  
66 # see http://www.nabble.com/guinea-pigs-wanted-----Hudson-RPM-for-RedHat-Linux-td25673707.html  
67 for candidate in /etc/alternatives/java /usr/lib/jvm/java-1.6.0/bin/java /usr/lib/jvm/jre-1.6.0/bin/java /usr/lib/jvm/java-1 .5.0/bin/java /usr/lib/jvm/jre-1.5.0/bin/java /usr/bin/java **/usr/j2sdk/bin/java**  
68 do  
69 [ -x "$JENKINS\_JAVA\_CMD" ] && break  
70 JENKINS\_JAVA\_CMD="$candidate"  
71 done

**5. 登录Jenkins**

如果没有特别配置端口，使用http://<ip address>:8080/登录Jenkins，并进行相关配置（插件安装、权限配置、View/Job创建等等）。