## 约定

所有软件安装到/usr/app

软件相关数据放到/usr/data

## 安装基本软件

Vim编辑器

|  |
| --- |
| sudo apt-get install vim |

Tree命令

|  |
| --- |
| sudo apt-get install tree |

ssh命令

|  |
| --- |
| sudo apt-get install openssh-server  sudo apt-get install openssh-client |

## java环境变量

sudo vim /etc/profile

|  |
| --- |
| export JAVA\_HOME=/usr/app/jdk1.7.0\_71  export PATH=$JAVA\_HOME/bin:$PATH  export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar |

source /etc/profile

## maven环境变量

sudo vim /etc/profile

|  |
| --- |
| export M2\_HOME=/usr/app/apache-maven-3.2.3  export PATH=$M2\_HOME/bin:$PATH |

source /etc/profile

settings.xml,使用公共仓库

|  |
| --- |
| <?xml version="1.0" encoding="UTF-8"?>  <settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http://maven.apache.org/xsd/settings-1.0.0.xsd">  <localRepository>/home/hadoop/data/m2\_reps</localRepository>  <mirrors>  <mirror>  <id>nexus-osc</id>  <mirrorOf>\*</mirrorOf>  <name>Nexus osc</name>  <url>http://maven.oschina.net/content/groups/public/</url>  </mirror>  </mirrors>  <profiles>  <profile>  <id>oschina</id>  <activation>  <jdk>1.4</jdk>  </activation>  <repositories>  <repository>  <id>nexus</id>  <name>local private nexus</name>  <url>http://maven.oschina.net/content/groups/public/</url>  <releases>  <enabled>true</enabled>  </releases>  <snapshots>  <enabled>false</enabled>  </snapshots>  </repository>  </repositories>  <pluginRepositories>  <pluginRepository>  <id>nexus</id>  <name>local private nexus</name>  <url>http://maven.oschina.net/content/groups/public/</url>  <releases>  <enabled>true</enabled>  </releases>  <snapshots>  <enabled>false</enabled>  </snapshots>  </pluginRepository>  </pluginRepositories>  </profile>  </profiles>  </settings> |

settings.xml,使用nexus搭建的私有仓库

|  |
| --- |
| <?xml version="1.0" encoding="UTF-8"?>  <settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http://maven.apache.org/xsd/settings-1.0.0.xsd">  <localRepository>/home/hadoop/data/m2\_reps</localRepository>  <!-- 配置central镜像地址为本地仓库，加速索引速度 -->  <mirrors>  <mirror>  <id>central</id>  <mirrorOf>central</mirrorOf>  <name>central</name>  <url>http://192.168.0.111:18080/nexus/content/repositories/central</url>  </mirror>  </mirrors>  <!-- 配置发布仓库，第一个为正式版仓库，第二个为快照版仓库。 -->  <profiles>  <!-- 执行：$ mvn release:prepare 命令时会打包并发布到该仓库。 -->  <profile>  <id>nexus</id>  <repositories>  <repository>  <id>nexus</id>  <name>local private nexus</name>  <url>http://192.168.0.111:18080/nexus/content/groups/public</url>  </repository>  </repositories>  </profile>  <!-- 执行：$ mvn deploy 命令时会打包并发布到该仓库。 -->  <profile>  <id>nexus-snapshots</id>  <repositories>  <repository>  <id>nexus-snapshots</id>  <name>local private nexus snapshots</name>  <url>http://192.168.0.111:18080/nexus/content/groups/public-snapshots</url>  </repository>  </repositories>  </profile>  </profiles>  <!-- servers节点的属性是在向仓库发布时使用 -->  <servers>  <server>  <id>nexus-releases</id>  <username>admin</username>  <password>pass</password>  </server>  <server>  <id>nexus-snapshots</id>  <username>admin</username>  <password>pass</password>  </server>  </servers>  <!-- 激活配置 -->  <activeProfiles>  <activeProfile>nexus</activeProfile>  <activeProfile>nexus-snapshots</activeProfile>  </activeProfiles>  </settings> |

规划

|  |  |  |
| --- | --- | --- |
| IP | 主机名 | 角色 |
| 192.168.0.120 | name | 名称节点 |
| 192.168.0.121 | name1 | 名称节点(备) |
| 192.168.0.126 | data1 | 数据节点1 |
| 192.168.0.127 | data2 | 数据节点2 |
| 192.168.0.128 | data3 | 数据节点3 |

修改主机名,修改后需要重启

|  |
| --- |
| sudo vim /etc/hostname  或者,如果有gedit编辑器  sudo gedit /etc/hostname |

修改hosts文件

|  |
| --- |
| sudo vim /etc/hosts  或者,如果有gedit编辑器  sudo gedit /etc/ hosts  192.168.0.120 name  192.168.0.121 name1  192.168.0.126 data1  192.168.0.127 data2  192.168.0.128 data3 |

使用rsync来同步配置