Guide for Setting Static&Dynamic Resource Server

1/23/2017

# 硬件参数

|  |  |  |
| --- | --- | --- |
| **Item** | **Specification** | **Comments** |
| RAM | 64GB |  |
| CPU | 8 Cores |  |
| OS Disk | 20 GB |  |
| Log Disk | 127 GB |  |
| Data Disk | 200 GB |  |
| Swap Disk | 128 GB |  |

# 开始之前

## 所需文件

请确保你获得以下文件:

* [r200-deploy-scripts](https://acsbitbucket.honeywell.com/projects/BPSR200/repos/bpsr200/browse/7-SourceCode/CICD/r200-deploy-scripts)
* jdk-8u112-linux-x64.tar.gz
* node-v6.7.0-linux-x64.tar.gz

## 所需工具

请准备好以下工具:

* WinSCP (<http://winscp.net/> )
* PuTTY (<http://www.putty.org/>)
* Notepad ++ (可选, <https://notepad-plus-plus.org/>) (WinSCP和Notepad++ 的集成可参见 <https://winscp.net/eng/docs/integration_editor>)

# 安装JAVA\_JDK

Install JDK-1.8.0\_112:

Copy **jdk-8u112-linux-x64.tar.gz** package to "/opt/"

# cd /opt/

# tar -zxvf jdk-8u112-linux-x64.tar.gz

# 安装Node

Copy **node-v6.7.0-linux-x64.tar.gz** package to "/opt/"

# cd /opt/

# tar -zxvf node-v6.7.0-linux-x64.tar.gz

检查配置文件nodejs的正确性命令:

node –-version

# 安装forever

#sudo chown -R deploy:deploy /opt/node-v6.7.0-linux-x64

#cd /opt/node-v6.7.0-linux-x64/bin

# ./npm install forever –g

# 安装必要moudel

#cd /home/deploy/r200-deploy-scripts

#npm install

# 配置自启动脚本

将如下文件拷贝到/etc/init.d下：

staticRes/dynamicRes

#!/bin/sh

#Get the npm global path

#npm config get prefix

PATH=/opt/node-v6.7.0-linux-x64/bin

PORT=8800

JS=/home/deploy/r200-deploy-scripts/server\_resource.js

BASEDIR=/home/deploy/static-root

#Require install forever

# npm install forever -g

case "$1" in

start)

echo "Starting Static Resource server..."

forever start $JS \_basedir=$BASEDIR \_port=$PORT \_allowcors=false

;;

stop)

echo "Stopping Static Resource server..."

forever stop $JS

;;

restart)

echo -n "Restarting Static Resource server..."

forever stop $JS

sleep 1

forever start $JS \_basedir=$BASEDIR \_port=$PORT \_allowcors=false

;;

\*)

;;

Esac

添加脚本的执行权限  
sudo chmod a+x /etc/init.d/staticRes(dynamicRes)  
设置开机自动启动  
sudo update-rc.d staticRes(dynamicRes)defaults

# 配置环境

Add below 3 lines to end of file "/etc/profile":

export JAVA\_HOME=/opt/jdk1.8.0\_112

export PATH=/opt/node-v6.7.0-linux-x64/bin:$JAVA\_HOME/bin:$PATH

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

# 创建工作路径

静态服务器：

创建 /home/bpsadmin/static-root

动态服务器：

创建 /home/bpsadmin/ dynamic-root

# 部署脚本

Deploy script folder in Bitbucket: <https://acsbitbucket.honeywell.com/projects/BPSR200/repos/bpsr200/browse/7-SourceCode/CICD/r200-deploy-scripts>

将r200-deploy-scripts文件夹copy到/home/bpsadmin

cd /home/bpsadmin/r200-deploy-scripts

./deploy.sh mount\_remotebase \*buildVersion\*

参考：https://acswiki.honeywell.com/pages/viewpage.action?pageId=151560991

# 重启机器

Reboot