1. Jenkins创建pxe salve机器并在jenkins上面执行如下脚本命令：

说明下本脚本的原理：

1. 首先下载ISO并制作pxe，此过程是预前做好的pxe服务器，只需要把linux启动项放入即可。

脚本命令

set -x

whoami

#下载iso

#python ftp\_image\_download.py ${Ver\_Name}

ISO\_NAME=`ls AS13000-ISO | grep "${Ver\_Name}"`

ISO\_PATH=${WORKSPACE}/AS13000-ISO

HTTP\_PATH=/var/www/html

MOUNT\_PATH=/mnt/cdrom

ICFS\_VERSION=${ISO\_NAME%-linux\*}

DEFAULT\_PATH=/tftpboot

echo "========> Running check\_iso.sh"

./${PROJECT}/check\_iso.sh ${ISO\_PATH} ${ISO\_NAME} ${HTTP\_PATH} ${MOUNT\_PATH}

echo "========> Running modify\_ks.sh"

./${PROJECT}/modify\_ks.sh ${HTTP\_PATH} ${ICFS\_VERSION}

rm -rf ${DEFAULT\_PATH}/\*

mkdir ${DEFAULT\_PATH}/pxelinux.cfg

cp ./${PROJECT}/pxelinux.0 ${DEFAULT\_PATH}/

cp ${HTTP\_PATH}/${ICFS\_VERSION}/images/pxeboot/vmlinuz ${DEFAULT\_PATH}/

cp ${HTTP\_PATH}/${ICFS\_VERSION}/images/pxeboot/initrd.img ${DEFAULT\_PATH}/

cp ${HTTP\_PATH}/${ICFS\_VERSION}/isolinux/\*.msg ${DEFAULT\_PATH}/

cp -p ./${PROJECT}/default ${DEFAULT\_PATH}/pxelinux.cfg

sed -i "s/version/${ICFS\_VERSION}/g" ${DEFAULT\_PATH}/pxelinux.cfg/default

service httpd restart

service dhcpd restart

service xinetd restart

./${PROJECT}/clean\_add\_nodes/kill.sh

sleep 20m

./${PROJECT}/clean\_add\_nodes/check\_install.sh

./${PROJECT}/clean\_add\_nodes/clean.sh

./${PROJECT}/clean\_add\_nodes/add.sh

./${PROJECT}/clean\_add\_nodes/cancle\_cron.sh

echo "----------------------------------------------------------------"

kill.sh

此脚本主要是删除18个虚拟机的引导删除扇区，重启后就能自动引导pxe系统

#!/bin/bash

set -x

rm -rf /root/.ssh/known\_hosts

#ips="161 162 163"

ips=($(awk '{print $1}' ./plana/ip.txt))

echo ${[@]}

for i in ${ips[@]}

do

ssh -t -p 22 root@${i} "dd if=/dev/zero of=/dev/sda bs=446 count=1"

ssh -t -p 22 root@${i} "hexdump -C -n 446 /dev/sda"

ssh -t -p 22 root@${i} "hexdump -C -n 446 -v /dev/sda"

ssh -t -p 22 root@${i} "reboot"

done

exit 0

check\_install.sh

#!/bin/bash

rm -rf /root/.ssh/known\_hosts

ips=($(awk '{print $1}' ./plana/ip.txt))

for i in ${ips[@]}

do

command=${command}"ssh $i hostname && "

done

#command="ping -c "

command=${command% &&\*}

echo "$command"

while true

do

if eval $command

then

echo “install ok”

break

else

echo "install error"

sleep 30

fi

done

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