

## Jumpstart on Solaris 8

In this example, u60 is the boot and install server; lx is the client

### A. Set up Boot server, rules and profile

Insert CD Software 1of2

```
mkdir /jumpstart (at least 700MB )
share -F nfs -o ro,anon=0 /jumpstart (add to dfstab also)
cp /cd/s0/Solaris_8/Misc/jumpstart_examples/* /jumpstart
AND if you want to copy the boot filesystem also (recommended if you don't want to have the
CD always mounted!)
cd /cd/s0/Solaris_8
tar cf - Tools | (cd /jumpstart; tar xvf - ) (250MB , 30-45 min)
```

edit /jumpstart/rules:

```
arch sparc && disksize c0t3d0 900-1100 - my_profile set_root_pw
OR
rootdisk 900-1100
^--- a disk which either contains SPARC boot image
OR c0t3
OR first disk found which can hold 900-1100
```

Create /jumpstart/my\_profile:

```
install_type initial_install
boot_device c0t3d0s0 preserve # i.e do not update the EEPROM boot_device
# dontuse c0t2d0
root_device c0t3d0s0
cluster SUNWCuser # End User cluster; SUNWCreq = required/core
cluster SUNWCxgl delete # SUNWCprog = developer
locale en_GB (or C for 7bit) # SUNWCall = entire dist
package SUNWman add # SUNWCXall = entire+OEM
package SUNWdoc add
package SUNWpppk add
package SUNWapppu add
package SUNWapppr add
#SUNWpppkx for sun4u only
package SUNWbnur add
package SUNWbnuu add
partitioning default
OR partitioning explicit
filesys rootdisk.s0 150 /
filesys rootdisk.s1 100 swap
filesys rootdisk.s3 500 /usr
```

Check the rules:

```
./check
OR ./check -p /cdrom/cdrom0/s0 -r rules (with 1of2 CD in drive)
```

Create disk config file:

```
prtvtoc /dev/dsk/c0t0d0s0 > 4gdisk
```

Check profile:

```
./pfinstall -c /cdrom/cdrom0/s0 -d 4gdisk my_profile
OR -c /jumpstart/sol8cdimage ( if you have done step B on the boot server too)
```

### B. Install Server setup

Put 1of2 CD in drive

```
mkdir /jumpstart/sol8cdimage
cd /cd/s0/Solaris8/Tools
./setup_install_server /jumpstart/sol8cdimage (3-4 hours, 500MB)
```

Insert CD 2of2

```
cd /cd/s0/Solaris8/Tools
./add_to_install_server /jumpstart/sol8cdimage (15 min)
```

(optional)

added various stuff to set\_root\_pw finish script :

Before running the install you should

mkdir /jumpstart/patches and untar the latest 5.8\_Recommended cluster in that dir.

```
sed -e 's/^CONSOLE/#CONSOLE/g' /a/etc/default/login > /a/etc/default/login.new
cp /a/etc/default/login.new /a/etc/default/login
echo Adding .52.6 to /.rhosts
echo 192.168.52.6 > /a/.rhosts
##### 3. ADD PATCHES #####
PATCH_DIR=${SI_CONFIG_DIR}/patches
echo patch dir is $PATCH_DIR
# -d Does not back up the files to be patched. The patch
# cannot be removed.
# -u Installs unconditionally, turns off file validation.
# Applies the patch even if some of the files to be
# patched have been modified since their original ins-
# tallation.

/usr/sbin/patchadd -d -u -R /a -M $PATCH_DIR patch_order
```

### C. Client setup

**On boot server :**

add client to /etc/hosts and /etc/ethers

```
cd /cd/s0/Solaris_8/Tools
./add_install_client -s u60:/jumpstart/sol8cdimage \
                    -p u60:/jumpstart \
                    -c u60:/jumpstart lx sun4m
(-c is install_config and -p is for sysid_config)
```

You should see:

```
"saving dfstab and adding share /jumpstart/...
making /tftpboot
enabling tftp in inetd.conf
starting rarpd
starting bootparamd
updating /etc/bootparams
copying inetboot to /tftpboot"
```

Afterthis, /etc/bootparams looks something like :

```
lx root=u60:/jumpstart/Tools/Boot \
install=u60:/jumpstart/sol8cdimage \
install_config=u60:/jumpstart \
sysid_config=u60:/jumpstart \
boottype=in rootopts=:rsize=32768
```

and these files should be in /tftpboot :

```
COA83405.SUN4M -> inetboot.SUN4M.jumpstart-1 (117kB)
rm.192.168.52.5 (removal script)
```

Created /jumpstart/sysidcfg :

```
system_locale=C
timezone=GB
root_password=xjbIUxcK3
timeserver=localhost
#network_interface=le0{netmask=255.255.255.0 protocol_ipv6=no}
network_interface=le0{netmask=255.255.255.0}
#security_policy=NONE
terminal=dtterm
name_service=NONE
```

**On client:**

```
boot net - install
```