

## Setting up a Jumpstart Network

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### Jumpstart Server Set-up

#! You will need a minimum of 1200mb free in /export directory  
#! Anything enclosed in <> (ex: <client>, <server>, <timezone>) should be  
#! substituted with the appropriate machine name without the <>.  
#! Example <client> should be replaced with goofy. The name goofy  
#! is the name of the jumpstart client.

- 1) # mkdir -p /export/jumpstart  
# mkdir -p /export/flash  
# mkdir -p /export/config
- 2) # cd /cdrom/cdrom0/s0/Solaris\_9/Tools
- 3) # ./setup\_install\_server -b /export/jumpstart
- 4) # flarcreate -n sol9\_fcs -S -x /export/flash /export/flash/sol9\_fcs

### Jumpstart Client Set-up (on server)

- 1) # vi /etc/ethers

<8:0:20:xx:xx:xx> <client>

- 2) # vi /etc/hosts

<x.x.x.x> <client>

- 3) # cd /cdrom/cdrom0/s0/Solaris\_9/Misc
- 4) # cp -R jumpstart\_sample/\* /export/config

#! Step 4 is optional. The jumpstart\_sample is useable  
#! from the CD. This step cuts down on future syntax.

- 5) # cd /export/config

#! Place the following entry at the top of the file!

- 6) # vi rules

hostname <client> - <client>/<client>.conf -

#! There should be 5 fields in this entry. They need to be tab delimited.  
#! Keep in mind that you have not yet created <client>/<client>.conf.  
#! The two fields denoted by a "-" are for optional start and finish scripts.

- 7) # mkdir /export/config/<client>
- 8) # cd /export/config/<client>

9) # vi <client>.conf

```
install_type    flash_install
archive_location nfs <serverIP>:/export/flash/sol9_fcs
partitioning    explicit
filesystems     c0t0d0s0    950    /
filesystems     c0t0d0s1    512    swap
filesystems     c0t0d0s3    500    /var
filesystems     c0t0d0s6    1563   /usr
filesystems     c0t0d0s7    free   /export
```

10) # cd /export/config  
# ./check

#! This will check the syntax of the class file.

11) # vi /export/config/<client>/sysidcfg

```
system_locale=en_US
timeserver=<serverIP>
timezone=US/Pacific
network_interface=hme0 {
                                netmask=255.255.255.0
                                protocol_ipv6=no
                                default_route=10.28.6.130 }
terminal=sun-cmd
name_service=none
security_policy=none
```

#! The network\_interface may be included on one line, space delimited.

12) # cd /export/jumpstart/Solaris\_9/Tools

13) # ./add\_install\_client -i <clientIP> -s <server>:/export/jumpstart \  
-p <server>:/export/config/<client> \  
-c <server>:/export/config <client> sun4u

#! The "\" denotes continued on the same line. Do not include this

#! syntax in your command line.

#! sun4u is specific platform architecture. Be sure to specify

#! the appropriate type for the client. (sun4m, sun4c, etc...)

14) # vi /etc/dfs/dfstab

```
share -F nfs -o ro,anon=0 /export/jumpstart
share -F nfs -o ro,anon=0 /export/flash
share -F nfs -o ro,anon=0 /export/config
```

#! You are editing the entry made after you have run the add\_install\_client

script.

- 15) #/etc/init.d/rpc stop
- 16) #/etc/init.d/rpc start
- 17) #/etc/init.d/nfs.server start

#! This is only if the server will be sharing for the first time.

#### Client Instructions

- 1) # init 0
- 2) ok boot net - install - w

#! The client has not had a fully successful jumpstart until  
#! you see the packages installing.

#### Troubleshooting

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#! Most errors occur in the sysidcfg file or the add\_install\_client.  
#! syntax. To avoid troubleshooting headaches, do the following:

- 1) # cat /dev/null > /etc/bootparams
- 2) Run the add\_install\_client again
- 3) Reboot the client and try again.

#! Common sysidcfg errors occur when network\_interface entries  
#! are not space delimited. Closely scrutinize the file. One  
#! typo will abort the entire jumpstart.