

Documentation on SGI-Setup

IETF'97 Muc

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1. Basic Network Configuration

1. /etc/hosts:

Put all IRISxx in::

```
perl -e 'for($i=1;$i<=29;$i++){printf("195.27.192.%-3d      iris%02d
iris%02d.ietf.de\n",133+$i,$i,$i);}' >>/etc/hosts
```

2. Set ~root/.rhosts on all machines:

```
iris28 root
toaster 28
```

3. /etc/resolv.conf:

```
domain ietf.de
nameserver 195.27.192.5
nameserver 141.1.1.1
hostresorder local bind
```

Steps 1-3 have to be done by hand (including typing password on each machine) as no rsh-login is possible at that time.

2. Setup User „ietf“

1. Change login-shell of users 'ietf' from /bin/csh to /usr/bin/tcsh:

```
./rshall "perl -i.BAK -pe 's@/bin/csh@/usr/bin/tcsh@ if /^ietf:/;' /etc/
passwd"
```

2. Put /soft/bin into ~/.cshrc:

```
set path=( /soft/bin $path )
```

3. Printer setup

Using remote host „bernd“ as printer server.

```
./rshall "( echo 2 ; echo bernd ; echo paper1 ; echo paper1 ) | mknetpr"
./rshall "( echo 2 ; echo bernd ; echo paper2 ; echo paper2 ) | mknetpr"
./rshall "( echo 2 ; echo bernd ; echo paper3 ; echo paper3 ) | mknetpr"
./rshall "( echo 2 ; echo bernd ; echo paper4 ; echo paper4 ) | mknetpr"
./rshall "( echo 2 ; echo bernd ; echo transparency1 ; echo transparency1
) | mknetpr"
./rshall "/usr/lib/lpadmin -dpaper2"
```

4. User-Software

1. User software is installed in /soft (/soft/bin, ...) by Rasmus Plewe..
2. Distribute /soft from iris27 on all machines:

```
mit rdist; siehe B fuer /root/Distfile
cd /root
rdist -M 100 -f Distfile
./rshall 'find /soft/. -user ietf -print | xargs chown -h bin:bin'
```

A /root/rshall

```
for i in \
iris01 iris02 iris03 iris04 iris05 iris06 iris07 iris08 iris09 \
    iris10 iris11 iris12 iris13 iris14 iris15 iris16 iris17 \
    iris18 iris19 iris20 iris21 iris22 iris23 iris24 iris25 \
    iris26 iris27 iris28 iris29 toaster
do
    echo -n "$i: "
    rsh $i $*
done
```

B /root/Distfile

```
HOSTS = ( iris01 iris02 iris03 iris04 iris05 iris06 iris07 iris08 iris09
    iris10 iris11 iris12 iris13 iris14 iris15 iris16 iris17 iris18
    iris19 iris20 iris21 iris22 iris23 iris24 iris25 iris26 iris28
    iris29 toaster ) \
#HOSTS = ( iris28 )
FILES = ( /soft )

${FILES} -> ${HOSTS}
    install -oremove ;
    except /soft/src ;
```