



ECS Project

Engineering Technical Directive

No. 99-006

Subject: Disable SGI autofs

14-May-99

The following directive is issued to all DAACS and labs.

Issue: autofs on SGI hardware with the ECS December patches does not work between Sun NFS servers and SGI NFS clients.

Fix: Disable autofs and enable automounter.

Testing: Execute an NFS file transfer between a Sun NFS server and an SGI NFS client. Throughput should be at least 2.5 MB/sec.

Implementation: Execute the following script on all ECS SGIs:

```
#!/bin/sh
# Script to disable autofs, enable automount and reboot the host
# Change the GRACE_PERIOD variable below to your liking.
#

HOST=`hostname`
GRACE_PERIOD=60
IS_ON=/sbin/chkconfig
ECHO=/sbin/echo

(id | fgrep 'uid=0(root)') > /dev/null 2>&1
if [ $? != 0 ]; then
    $ECHO "\nYou must be the super user (root) to run this script.\n"
    exit 1
fi

if $IS_ON autofs; then
    $ECHO "This script will reboot $HOST."
    /sbin/chkconfig autofs off
    /sbin/chkconfig automount on
    cp /etc/config/autofs.options /etc/config/automount.options
    $ECHO "$HOST is rebooting in $GRACE_PERIOD seconds for automounter reconfiguration. Please
        log off now." | /sbin/wall
    cd /; shutdown -y -g$GRACE_PERIOD -i6
else
    $ECHO "Nothing to do. AutoFS is already disabled"
fi
```

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-----End of Directive-----