

## The cmsphonehome Script

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cmsphonehome is a user-configurable script that is called by the CMS when a module fails.

The path is:

```
/usr/platform/SUNW,Ultra-4FT/SUNWcms/sbin/cmsphonehome
```

### CODE EXAMPLE B-1 cmsphonehome Script

```
#!/bin/sh
# @(#)cmsphonehome.sh      1.5      99/10/01 SMI
# /* Copyright (c) 1998, by Sun Microsystems, Inc.
# /* All rights reserved
# /*=====
# cmsphonehome - report a failure by phoning home
#
# SYNOPSIS
# -----
# 'cmsphonehome' 'module' 'module_no' 'location' 'old_state' 'new_state'
#                'faulty' 'info'
#
# DESCRIPTION
# -----
# 'cmsphonehome' is a script called by the CMS when any module fails. It is
# intended that this script can be altered to report module failures to an
# appropriate place. This could be to send a mail message or to communicate
# with an alarm system.
#
# The arguments passed to it are:
#
#     module      module type as known to the CMS
#     module_no   module no as known to the CMS
#     location     location of the module
#     old_state   previous state of the module
#     new_state   current state of the module
#     faulty      this event implies the module needs replacing
```

**CODE EXAMPLE B-1** cmsphonehome Script (Continued)

```
#           info           information string
#
# 'cmsconfig' can be used to read further information (attributes) from
# the CMS if required.
#
# The default script has an example of how to build up a mail message and
# trigger an alarm but these are commented out.
#
# SEE ALSO
# -----
# cmsconfig(1MFT)
# ----- */

MOD_NAME=$1
MOD_NUM=$2
LOCATION=$3
OLD_STATE=$4
NEW_STATE=$5
FAULTY=$6
INFO="$7"
TMP=/tmp/phonehome$$

MACHINE=`/usr/bin/uname -n`
DATE=`date`
# cat > $TMP << EOF
#
# Configuration change report
# -----
#
# date:                               $DATE
# machine name:                        $MACHINE
# module:                              $MOD_NAME $MOD_NUM
# location:                            $LOCATION
# information string:                  $INFO
# implies module needs replacing:     $FAULTY
# EOF
# cat $TMP | mailx -s "$MACHINE:$LOCATION:$INFO" root
# [ $FAULTY = "yes" ] && /usr/platform/SUNW,Ultra-4FT/sbin/u4ftalctl alarm1=on
# rm -f $TMP

# Ensure it returns success
exit 0
```