```
#! /bin/sh
### BEGIN INIT INFO
# Provides:          node-red
# Required-Start:    $local_fs $remote_fs $network
# Required-Stop:     $local_fs $remote_fs $network
# Default-Start:     2 3 4 5
# Default-Stop:      0 6
# Short-Description: Start or stop the node-red server
### END INIT INFO

# Script to start node-red with PLCnext from Phoenix Contact using
init.d
# Execute these commands:
# sudo chmod 755 start_nodered
# sudo update-rc.d start_nodered defaults 99

USER=admin

USER_DIR='/opt/plcnext/.node-red'

PATH=/usr/bin:/usr/sbin:/opt/plcnext/apps/60002172000051/opt/node-
v10.15.3-linux-armv7l/bin

NAME=node-red
DAEMON=/opt/plcnext/appshome/data/60002172000051/bin/node-red
OPTIONS="--max-old-space-size=128"

if [ -n "$USER_DIR" ];  then
    OPTIONS="$OPTIONS --userDir=$USER_DIR"
fi

LOG='/opt/plcnext/node-red.log'

PIDFILE=/var/run/node-red.pid

. /etc/init.d/functions

start_daemon () {
        start-stop-daemon --start --background \
        --chuid $USER --name $NAME \
                $START_STOP_OPTIONS --make-pidfile --pidfile $PIDFILE \
        --startas /bin/sh -- -c "$DAEMON $OPTIONS >> $LOG 2>&1"
    echo "Logging to "$LOG
}

case "$1" in
        start)
             echo "Starting daemon" "$NAME"
             start_daemon
        ;;
        stop)
             echo "Stopping daemon" "$NAME"
             start-stop-daemon --stop \
             --user $USER \
             --name $NAME --pidfile $PIDFILE --retry 30 \
             --oknodo
        ;;
        restart)
```

```
          $0 stop
          sleep 5
          $0 start
    ;;

    status)
               status "$DAEMON" "$NAME"
               exit $?
        ;;

        *)
               echo "Usage: $0 {start|stop|restart}"
               exit 1
esac
exit 0
```