

HMCtools: IsHMClevels

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Summary

Remotely retrieve a HMC model and software version information and create an output .csv file.

Requirements

SSH Public Key authorization needs to be setup between the HMC and the server running the script.

Operation

IsHMClevels [HMC name]

HMC name - can be a single HMC, a list of HMCs, or a file containing a list of HMCs

```

#!/bin/ksh
#
# lsHMClevels.ksh
# 01.003.06
# Remotely retrieve HMC software versions.
#
# Note:  SSH Keys need to be setup between the HMCs and the management server.
#
# Syntax:  lsHMClevels  [HMC name]
#

ProgramName="$(basename $0)"
TimeStamp=`date +"%d %b %Y, %H:%M"`

HMCList=    ## Can be a single HMC, a list of HMCs, or a file containing a list of HMCs

if [[ -z $1 ]]
then echo "${ProgramName}: ${TimeStamp} - Missing parameters."
    echo "    - Syntax: lsHMClevels  [HMC name]"
    exit 1
fi

if [[ -n $1 ]]
then if [[ -f $1 ]]
    then HMCList=`cat $1`
    fi
    HMCList=$1
fi

for HMC in $HMCList
do
    echo "${HMC}"
    HMCmodel=$(ssh hscroot@${HMC} lshmc -v | egrep "TM " | awk '{print $NF}')
    HMCserial=$(ssh hscroot@${HMC} lshmc -v | egrep "SE " | awk '{print $NF}')
    HMCver=$(ssh hscroot@${HMC} lshmc -V | egrep "Service Pack: " | awk '{print $NF}')
    if [[ -z $HMCver ]]
    then ver=$(ssh hscroot@${HMC} lshmc -V | egrep "Version: " | awk '{print $NF}')
        rel=$(ssh hscroot@${HMC} lshmc -V | egrep "Release: " | awk '{print $NF}')
        sp=$(ssh hscroot@${HMC} lshmc -V | egrep "Service Pack: " | awk '{print $NF}')
        HMCver="V${ver}R${rel} SP${sp}"
    fi
    echo "${HMC},${HMCmodel},${HMCserial},${HMCver}" | tee -a HMCinventory.csv
done

# Output is a comma delimited .csv file that can be used with any spreadsheet
application.

```