

LinHES - Bug # 1014: xymon disk script skip disks used in raid and list the raid disks

Status:	Closed	Priority:	Normal
Author:	thekingofspain	Category:	
Created:	05/06/2017	Assignee:	
Updated:	05/08/2017	Due date:	
Description:	the xymon-smart.sh and xymon-hddtmp.sh scripts have the following like the query disks: <pre>ls /dev/disk/by-id/* grep -ve '-part' -ve '/wwn-' </pre> the line should be the following to remove the mdadm raid devices: <pre>ls /dev/disk/by-id/* grep -ve '-part' -ve '/wwn-' -ve '/md-' </pre> In addition an the disks being used in mdadm raid are not going to to be listed in the subsequent mount query thus an addition check should be added to against the /proc/mdstat for the mounted raid disk <pre>#check if device is directly mounted if ! mount grep -q /dev/\$DISKDEV then # check if device is mounted by mdadm if ! cat /proc/mdstat grep -q \$DISKDEV then continue fi fi</pre>		

History

05/06/2017 08:45 pm - thekingofspain

h1. xymon-hddtemp.sh

#!/bin/sh

NOTE: Must be run as root, so you probably need to setup sudo for this.

```
ls /dev/disk/by-id/* | grep -ve '-part' -ve '/md-' -ve '/wwn-' |
```

```
while read DISK
```

```
do
```

```
    DISKDEV=`ls -l $DISK | awk -F/ '{print $NF}'`
```

```
    DISKNAME=`echo $DISK | awk -F/ '{print $5}' | tr ":" " _ "`
```

```
#check if device is optical
```

```
if [[ $DISKDEV == "sr*" ]]
```

```
then
```

```
    continue
```

```
fi
```

```
#check if device is mounted
```

```
if ! mount | grep -q /dev/$DISKDEV
```

```
then
```

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```

# check if device is used by mdadm
if ! cat /proc/mdstat | grep -q $DISKDEV
then
    continue
fi
fi

#check if SMART is disabled and enable
DRES=`sudo /usr/bin/smartctl -A $DISK`
if [[ $DRES == *"SMART Disabled. Use option -s with argument 'on'* ]]
then
    sudo /usr/bin/smartctl -s on $DISK
    DRES=`sudo /usr/bin/smartctl -A $DISK`
fi

hddtemp=`echo "$DRES" | grep Temperature_Celsius | awk '{print $10}'`

TEMP=": $hddtemp"
if [[ $hddtemp == "" ]]
then
    TEMP="- No Temp Sensor Found"
    COLOR="4&clear"
elif test $hddtemp -gt 55
then
    COLOR="1&red"
elif test $hddtemp -ge 50
then
    COLOR="2&yellow"
else
    COLOR="3&green"
fi

echo "${COLOR} $DISKNAME $TEMP"

done > /tmp/hddcheck

COLOR=`cat /tmp/hddcheck | awk '{print $1}' | sort | uniq | head -1 | cut -c3-`

# Report status to Xymon Server
$XYMON $XYMSRV "status ${MACHINE}.hddtemp ${COLOR} Hard Drive Temperatures (in &degC)"

```

05/08/2017 08:24 pm - brfransen

- Status changed from New to Closed

duplicate to #1012