

# SmartTools XYMon - CentOS 5/6

## CentOS 6:

```
$XYMONHOME=/usr/lib/xymon/
```

```
yum install -y smartmontools --no-install-recommends
```

```
sudo visudo
```

```
xymon ALL=(ALL) NOPASSWD:ALL
```

```
cat << 'EOL' >/usr/lib/xymon/client/ext/smart.sh
#!/bin/sh

COLUMN=smart
COLOR=green
MSG="smartctl -H /dev/sd# | grep OK" # The comand from var

#In this test, if var = empty = RED
var="$(sudo smartctl -H /dev/sda | grep OK)"
var1="$(sudo smartctl -H /dev/sdb | grep OK)"
cmd="$(sudo smartctl -H /dev/sda ; sudo smartctl -H /dev/sdb)"

if [ -z "$var" ] || [ -z "$var1" ]

then

COLOR=red
MSG="{MSG}"
FAILED
" "
"{cmd}"
"
else

MSG="{MSG}"
SUCCESS
" "
"{cmd}"
"
fi

# Leave the rest of script alone
# Tell Xymon about it
$XYMON $XYMSRV "status $MACHINE.$COLUMN $COLOR `date`

${MSG}
"

exit 0
EOL

chown xymon:xymon /usr/lib/xymon/client/ext/smart.sh
chmod 777 /usr/lib/xymon/client/ext/smart.sh

nano /usr/lib/xymon/client/etc/clientlaunch*cfg
```

```
[smart]
ENVFILE $XYMONCLIENTHOME/etc/xymonclient.cfg
CMD $XYMONCLIENTHOME/ext/smart.sh
LOGFILE $XYMONCLIENTHOME/logs/smart.log
INTERVAL 15m
```

```
/usr/lib/xymon/client/bin/xymoncmd /usr/lib/xymon/client/ext/smart.sh

/etc/init.d/xymon-client restart
```

## CentOS 5:

### Default \$XYHOME home in CentOS 5:

```
$XYMONHOME=/usr/share/xymon-client/ext
```

```
yum install -y smartmontools --no-install-recommends
```

```
sudo visudo
```

```
xymon ALL=(ALL) NOPASSWD:ALL
```

```
sudo nano /usr/share/xymon-client/ext/smart_disk_check.sh
```

```
#!/bin/sh

COLUMN=smart                # THIS IS WHERE XYMON GETS COLUMN NAME
COLOR=green                 # By default, everything is OK
MSG="smartctl -H /dev/sd# | grep PASSED" # The command from var

#In this test, if var = empty = RED
var="$(sudo smartctl -H /dev/sda | grep PASSED)"
var1="$(sudo smartctl -H /dev/sdb | grep PASSED)"
var2="$(sudo smartctl -H /dev/sdc | grep PASSED)"
var3="$(sudo smartctl -H /dev/sdd | grep PASSED)"
cmd="$(sudo smartctl -a /dev/sda ; sudo smartctl -a /dev/sdb ; sudo smartctl -a /dev/sdc ; sudo smartctl -a /dev/sdd)"

if [ -z "$var" ] || [ -z "$var1" ] || [ -z "$var2" ] || [ -z "$var3" ]

then

COLOR=red
MSG="{MSG}
FAILED
"${cmd}"
"
else

MSG="{MSG}
SUCCESS
"${cmd}"
"
fi

# Leave the rest of script alone
# Tell Xymon about it
$XYMON $XYMSRV "status $MACHINE.$COLUMN $COLOR `date`

${MSG}
"

exit 0
```

```
sudo chown xymon:xymon /usr/share/xymon-client/ext/smart_disk_check.sh
sudo chmod 777 /usr/share/xymon-client/ext/smart_disk_check.sh
sudo nano /usr/share/xymon-client/etc/client.d/smart_disk_check.cfg
```

```
[smart_disk_check]
    ENVFILE $XYMONCLIENTHOME/etc/xymonclient.cfg
    CMD $XYMONCLIENTHOME/ext/smart_disk_check.sh
    LOGFILE $XYMONCLIENTHOME/logs/smart_disk_check.log
    INTERVAL 15m
```

```
/usr/share/xymon-client/bin/xymoncmd /usr/share/xymon-client/ext/smart_disk_check.sh
```

#### Restart Service :

```
sudo service xymon-client restart
```

#### XYMon Server :

```
sudo service xymon restart && sudo service apache2 restart
```