

AIX-L: Re: monitoring errorlog with wsm?

## Re: monitoring errorlog with wsm?

**Source:** <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-08/0161.html>

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**From:** Justin Bleistein (*justin.bleistein\_at\_TOWERSPERRIN.COM*)

**Date:** 08/30/05

Date: Tue, 30 Aug 2005 10:53:13 -0400  
To: aix-l@Princeton.EDU

I agree. I think RMC is a great monitoring tool. It's a technically strategic component of HACMP and Power5 lpar systems. It's mainly used in the AIX world, for monitoring o/s events. It can be used to monitor filesystem sizes, paging space attributes and others, as well as respond to them accordingly. There are a few great IBM Redbooks on RMC installation setup, and concepts out on URL: "<http://www.ibm.com/redbooks>". Just type in: "rmc" or "rsct" in the search bar on that web page.

Thanks.

—Justin Richard Bleistein  
AIX Systems Administrator

Holger.VanKoll@SWISSCOM.COM  
Sent by: IBM AIX Discussion List <aix-l@Princeton.EDU>  
08/30/2005 10:25 AM  
Please respond to  
IBM AIX Discussion List <aix-l@Princeton.EDU>

To  
aix-l@Princeton.EDU  
cc

Subject  
Re: monitoring errorlog with wsm?

wsm wasnt written to do this  
wsm is more ore less a grafical smitty

look at rmc/rsct

attached is an email to this list from Adams Kevin

-----Original Message-----

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf Of

Re: monitoring errorlog with wsm?

AIX-L: Re: monitoring errorlog with wsm?

fmu@OERAG.DE

Sent: Tuesday, August 30, 2005 4:12 PM

To: aix-l@Princeton.EDU

Subject: monitoring errorlog with wsm?

Hi,

isn't it possible to monitor the errorlog over wsm?

I monitor my notes (p615, p630, p660 and som SP-notes) over wsm (webbased system management). This is default on AIX. So I can define many events and the response to the events (for example email to admin). But I want monitor the errorlog with wsm. For example, the node get a error and I get a email from the system that the node has a new entrie in the errorlog.

Is this possible?

Best regards,  
Frank Mueller

----- Weitergeleitet von Frank Mueller/AG/OERAG am 30.08.2005 16:12  
-----

Frank

Mueller/AG/OERAG

An

17.08.2005 14:15 IBM AIX Discussion List

<aix-l@Princeton.EDU>

Kopie

Thema

monitoring errorlog with wsm?

(Document link: Frank Mueller)

AIX-L: Re: monitoring errorlog with wsm?

Hi,

we monitor all SP-nodes with PSSP (event perspectives). With PSSP can I monitor the errorlogs of the nodes.

Now I monitor our standalone nodes over WSM (web-based system management)

which is default on AIX. But I don't see a event definition concerning "monitor errorlog"

Can I define this in wsm?

Best regards,  
Frank

----- Message from <kevin.adams@PHS.COM> on Mon, 10 Jan 2005 20:54:08 +0200 -----

To:  
<aix-l@Princeton.EDU>  
Subject:  
Re: anyone RSCT savy?

Shawn,

You're really asking an RMC question.

What you need is a condition and then a response.

Here is a script I use. I use a modified syslogevent and notifyevent based on IBM's supplied notifyevent.

This script monitors paging space and //var/tmp and /audit filesystems.

Below 50% utilization I email and syslog, and above 50% I email, syslog and page. You can change that.

There is an RMC redbook too.

This should get you going:

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```
# cat mkrmc
#!/bin/ksh

. /.profile

mail='E-mail root anytime'
page='PBH Page event anytime'
slog='PBH Syslog event anytime'

mkresponse -n "Page message" \
-d 1-7 \
-t 0000-2400 \
-s "/usr/local/pacificare/rmc/notifyevent $KEVIN_CELL" \
-e b \
-r 0 \
"$page"

mkresponse -n "Syslog message" \
-d 1-7 \
-t 0000-2400 \
-s "/usr/local/pacificare/rmc/syslogevent" \
-e b \
-r 0 \
"$slog"

for pct in 25 50 75 85 90 95 100; do

    mkcondition -r "IBM.Host" \
    -e "PctTotalPgSpUsed > $pct" \
    -E "PctTotalPgSpUsed < $pct" \
    -d "More than $pct percent of total paging space in use." \
    -D "Less than $pct percent of total paging space in use." \
    -S "i" \
    -m "I" "PBH Paging percent space used $pct"

    if (( $pct > 50 ));then
        startcondresp "PBH Paging percent space used $pct" \
        "$mail" \
        "$slog" \
        "$page"
    else
        startcondresp "PBH Paging percent space used $pct" \
        "$mail" \
        "$slog"
    fi

    for fs in root audit tmp var; do

        if [[ $fs = root ]]; then
            fs=""
        fi
    fi
done
```

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```
mkcondition -r "IBM.FileSystem" \  
-e "PercentTotUsed > $pct" \  
-E "PercentTotUsed < $pct" \  
-d "More than $pct percent of total space in use." \  
-D "Less than $pct percent of total space in use." \  
-s "Name == \"/$fs\"" \  
-S "i" \  
-m "I" "PBH /$fs percent space used $pct"  
  
if (( $pct > 50 ));then  
  startcondresp "PBH /$fs percent space used $pct" \  
  "$mail" \  
  "$slog" \  
  "$page"  
else  
  startcondresp "PBH /$fs percent space used $pct" \  
  "$mail" \  
  "$slog"  
fi  
done
```

done

Kevin Adams

-----Original Message-----

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf Of Shawn Bierman

Sent: Monday, January 10, 2005 6:09 AM

To: aix-l@Princeton.EDU

Subject: [aix-l] anyone RSCT savy?

I would like to run a custom script when a filesystem gets to 75% full. However, I cannot find a response that will fire a script off.

```
biermans@sf1n03en4:/home/biermans > lsresponse
```

Displaying response information:

ResponseName

"Broadcast event on-shift"

"E-mail root off-shift"

"E-mail root anytime"

"Log event anytime"

"Informational notifications"

"Warning notifications"

"Critical notifications"

"Generate SNMP trap"

I'm just learning about rsct so its likely I'm just overlooking something. Can I create a custom response that will run a script?

tia,

-shawn

Re: monitoring errorlog with wsm?

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