

# Re: Nmon scheduling question

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-10/msg00010.html>

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- *From:* "Barnhart, Troy" <TBarnhart@xxxxxxxx>
  - *Date:* Mon, 2 Oct 2006 10:19:44 -0600
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Here's what I use...

I run two commands from "cron":

- 1) My daily run of "nmon" that catches snapshots every 15 minutes from Midnight until 11:45pm the following night.
- 2) My daily "nmon\_maint.ksh" script that (at 11:55pm) does the daily output-file's analyzer processing and mails it to a mailbox.

My script does the following:

Runs "sort" against the raw datafile.  
Runs "gzip" to compress it.  
Runs "mv" to rename it w/ the nmon\_date variable to save the daily file.  
Runs "mutt" to mail the daily datafile as an attachment from inside a script/command-line.  
("mutt" was the only product at the time that could do this...)  
Then, from that mailbox, I simply run the nmon\_analyzer against that date's file.

This runs our various AIX (4.3.x & 5.x) and Redhat Linux (2.1, 3.0, & 4.0) servers...

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```
# run the "nmon" command for daily reporting of system monitoring
55 23 * * * /usr/local/nmon/nmon_maint.ksh
0 0 * * * /usr/local/nmon/nmon -F /usr/local/nmon/lurch.nmon -td -c 900 -s 95
#
```

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```
#!/bin/ksh
# nmon_maint.ksh
# Script to generate the spreadsheet, compress, & email daily logfiles
# generated by the daily nmon command run by the cron.
#
```

```
NMON_DATE=$(date '+%m%d%y_%H%M')
```

```
# sort the default output of nmon -x to comma delimited spreadsheet
sort -A /usr/local/nmon/<server>.nmon > /usr/local/nmon/<server>.csv
```

```
# compress the files for storage
gzip -q /usr/local/nmon/<server>.csv
```

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```
# log storage per date
mv -f /usr/local/nmon/<server>.csv.gz /usr/local/nmon/<server>.csv.$NMON_DATE.gz

# mail the spreadsheet to admins
# mutt -s "Daily Spreadsheet Results of nmon for <server>" -a
/usr/local/nmon/<server>.csv.$NMON_DATE.gz <mailbox> < /dev/null

rm /usr/local/nmon/<server>.nmon

#
# EOF
#
```

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Regards,

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From: Larry Scheetz [<mailto:LScheetz@xxxxxxxxxxxx>]  
Sent: Monday, October 02, 2006 9:45 AM  
To: aix-1@xxxxxxxxxxxxxx  
Subject: Nmon scheduling question

Admins,

I know that nmon32 is not a supported tool by IBM but was wondering how others had it setup. I have it installed on all my AIX 5.2 boxes and it works great. I have used the analyzer spread sheet and all. I really like this tool. I would like to add this as a cron entry to run everyday and keep the files for maybe a week at a time. I want to make sure because these look like they can get sizeable. What I was going to put is the following: 0 1 \* \* \* /tmp/nmon\_aix32 -s600 -c 144

Does anyone have a suggestion on a cron setting so that I can capture daily snapshots throughout the day but for the entire day?

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Thx

Larry

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