

NAME

faxcron – *HylaFAX* routine maintenance script

SYNOPSIS

`/usr/local/sbin/faxcron [-n] [-l lastrun]`

DESCRIPTION

faxcron is a command script that does routine upkeep tasks in a *HylaFAX* spooling directory hierarchy. This script is intended to be invoked from *cron*(8C) on behalf of the fax user (often the “fax” user is *uucp*) once a day, with the standard output sent by mail to the *HylaFAX* administrator. For example, the following crontab might be set up for the fax user:

```
25 23 * * * sh /usr/local/sbin/faxcron | mail FaxMaster
```

The *faxcron* script does the following work:

- report statistics for facsimile transmitted since the last time *faxcron* was run.
- report statistics for facsimile transmitted in the past week.
- report statistics for facsimile received since the last time *faxcron* was run.
- report statistics for facsimile received in the past week.
- report any recent calls that failed suspiciously and return the associated trace log;
- purge data that is 30 days or older from the remote machine information directory;
- delete information that is 30 days or older from session trace log files;
- remove files from the tmp directory that are older than 1 day;
- remove files in the received facsimile queue that are 7 days or older;
- report sites that are currently having jobs rejected; and
- force all session log files to be owned by the fax user and kept with protection mode 644.

OPTIONS

- n** Forces *faxcron* to run without updating any files.
- l *lastrun*** Forces the notion of the last time that *faxcron* was run to be *lastrun*. The value of *lastrun* is a date and time string of the form “MM/DD/YY HH:MM” (the *date*(1) format string “%D %H:%M”).
- info *n*** Set the expiration time for data in the info database to be *n* days.
- log *n*** Set the expiration time for session log data to be *n* days.
- rcv *n*** Set the expiration time for files in the received facsimile queue to be *n* days.
- tmp *n*** Set the expiration time for files in the tmp directory to be *n* days.
- mode *m*** Set the file protection mode for session logs to *m* (a command line argument to *chmod*(1)).

NOTES

This script requires *nawk*(1) or *gawk*(1) and a *date* (1) program that supports the “+format” option.

If session logs are to be kept private this script must be modified to filter out sensitive information such as calling card numbers. (It should also be run with “-mode 0600” so that session log files are not publicly readable.)

FILES

<code>/var/spool/hylafax</code>	spooling area
<code>/var/spool/hylafax/etc/lastrun</code>	timestamp of last run
<code>/usr/local/sbin/xferfaxstats</code>	for generating transmit statistics
<code>/usr/local/sbin/recvstats</code>	for generating receive statistics
<code>/var/spool/hylafax/tmp/faxcronXXXX</code>	temporary file for truncating session logs
<code>/var/spool/hylafax/tmp/faxlogXXXX</code>	temporary file for logs of failed calls

SEE ALSO

cron(8C), faxq(8C), faxgetty(8C), faxsend(8C), xferfaxstats(8C), recvstats(8C), hylafax-server(5F)