NAME

xferfaxlog – *HylaFAX* activity log

DESCRIPTION

The file **etc/xferfaxlog** contains information about inbound and outbound activities. The file contains one line per inbound or outbound call (except for facsimile documents retrieved by polling in which case multiple entries may be present for a single call). If the modem config setting *LogCalls* is set to true, then the file also contains one line per received call. Lines are fixed-format, *tab-separated* ASCII strings.

Each record of a facsimile transmission is of the form:

date SEND commid modem jobid jobtag sender ''dest-number'' ''CSI'' params #pages jobtime conntime ''reason'' *<null>* *<null>* *<null>* ''owner'' ''dcs''

A facsimile reception record is of the form:

date RECV commid modem fax.tif *<null>* fax ''local-number'' ''TSI'' params #pages jobtime conntime ''reason'' ''CallID1'' ''CallID2'' ''CallID3...CallIDn'' *<null>* ''dcs''

Each inbound call record is of the form:

date CALL commid modem *<null>* *<null>* fax ''local-number'' <null> 0 0 jobtime conntime ''reason'' ''CallID1'' ''CallID2'' ''CallID3..CallIDn'' *<null>* ''dcs''

Each facsimile document retrieved by polling has a record of the form:

date POLL commid modem jobid jobtag sender ''dest-number'' ''TSI'' params #pages jobtime conntime ''reason'' *<null>* *<null>* *<null>*

An alphanumeric pager request has a record of the form:

date PAGE commid modem jobid jobtag sender ''dest-number'' ''*<null>*'' 0 0 jobtime conntime ''reason'' *<null>* *<null>* ''owner''

The following describes the fields in the above records:

date	The date and time of the transaction in the format MM/DD/YY HH:MM , where MM is the numeric month, DD the numeric day, YY the last two digits of the year, and HH:MM is the time in 24-hour format.
commid	The communication identifier for the call.
modem	The device identifier for the modem that was used to do the send or receive.
jobid	The job number for outbound calls.
jobtag	The client-specified job tag for outbound calls.
fax.tif	The associated recvq fax TIFF file for the event.
sender	The sender/receiver's electronic mailing address (facsimile receptions are always attributed to the ''fax'' user).
dest-number	The phone number dialed for outgoing calls.
TSI	The Transmitter Subscriber Identification string (as received) for incoming calls.
CSI	The Caller Subscriber Identification string of the remote machine (as reported) for outgoing calls.
local-number	The local phone number on which the data was received.
params	The negotiated facsimile session parameters used for transferring data encoded as described below.

#pages   The total number of pages transferred.

jobtime   The duration of the session; in the format HH:MM:SS. This time includes setup overhead
                  and any time spent cleaning up after a call.

conntime   The time spent on the phone; in the format HH:MM:SS. This should be the time used by
                  the PTT to calculate usage charges.

reason   A string that indicates if any problem occurred during the session.

CIDName   The received CIDName value for the session.

CIDNumber   The received CIDNumber value for the session.

owner   The login name of the job owner.

dcs   The T.30 DCS string that was used in the facsimile communication.

Note that fields may have embedded blanks. Session parameters are encoded as a decimal number that contains a packed set of Class 2 session parameter values. The format is: 2 bits for vertical resolution, 3 bits for signalling rate, 3 bits for page width, 2 bits for page length, 2 bits for data format, 1 bit for ECM use, 1 bit of BF use, and 3 bits for the min scanline time. The page counts are always integral numbers. Partial pages that are to be retransmitted are not included in the page count.

The simple ASCII format was designed to be easy to process with programs like *awk*(1).

NOTES

The sender field does not necessarily represent the submitter's actual identity. For example, it reflects the value given by the *sendfax*(8C) "-f" option. Be cautious that this field is not utilized for auditing if the fax user base is not trusted.

BUGS

The date format will "break" in the year 2000. Information should be recorded on a per-page basis for facsimile communications.

SEE ALSO

faxq(8C) *faxsend*(8C) *faxgetty*(8C)