NAME

xferfaxstats − summarize *HylaFAX* transmission accounting

SYNOPSIS

/usr/local/sbin/xferfaxstats [*options*] [*files*]

DESCRIPTION

xferfaxstats is a command script that prints a summary of the *HylaFAX* accounting statistics for transmitted
jobs. The statistics can be sorted using one of several keys: the sender's account name (default), the job tag
(useful when used for accounting purposes), the remote party's CSI, the called phone number, the output
device used for the call, the communication speed, and the communication data format. Statistics are read
from the file **/var/spool/hylafax/etc/xferfaxlog** in the spooling area, unless filenames are specified on the
command line.

The following table is an example of the output from *xferfaxstats* (using the default sort key):

Destination	Pages	Time	Pg/min	Errs	TypRate	TypData
cadsmith@esd.sgi.com	34	24:05	1.4	0	9600	1-D MH
ctb@corp.sgi.com	32	20:43	1.5	2	9600	2-D MR
edmark@esd.sgi.com	42	29:30	1.4	3	9600	1-D MH
fredc@mfg.sgi.com	157	1:37:52	1.6	0	9600	2-D MR
jlw@engr.sgi.com	81	57:29	1.4	1	9600	1-D MH
jlw@wpd.sgi.com	346	3:57:57	1.5	100	9600	1-D MH
karlton@asd.sgi.com	68	36:57	1.8	0	9600	1-D MH
kerrie@mfg.sgi.com	48	32:29	1.5	1	9600	2-D MR
kgraf@mfg.sgi.com	128	1:48:21	1.2	2	9600	1-D MH
kubey@wpd.sgi.com	264	3:22:13	1.3	6	9600	1-D MH
loki@wpd.sgi.com	205	2:56:45	1.2	5	9600	2-D MR
moondog@esd.sgi.com	112	1:23:01	1.3	4	9600	2-D MR
mpolen@mti.sgi.com	122	1:39:32	1.2	1	9600	1-D MH
nancyf@mfg.sgi.com	174	2:08:44	1.4	2	9600	2-D MR
paulh@mfg.sgi.com	56	1:29:24	0.6	0	9600	2-D MR
richardn@mfg.sgi.com	34	24:42	1.4	1	9600	1-D MH
rosa@corp.sgi.com	32	28:00	1.1	2	9600	1-D MH
sam@asd.sgi.com	65	46:25	1.4	5	9600	1-D MH
seth@asd.sgi.com	34	25:04	1.4	0	9600	1-D MH

Total	2034	25:49:13	1.3	135		

The first column column shows the sort key value used (the sender's identity here, but otherwise the desti-
nation phone number, remote CSI, etc.). The *Pages* column is the total number of good pages transmitted.
The *time* column shows the total amount of time spent transmitting. The *Pg/min* column displays the aver-
age transfer rate. The *Errs* column indicates how many errors were encountered while transmitting facsim-
ile. (Note that this statistic does not include problems encountered while placing a call; e.g. busy signals.)
The *TypRate* column displays the most common communication speed with which facsimile were transmit-
ted. The *TypData* column shows the most common data format in which facsimile data were transmitted.

Account names other than ''root'' and ''guest'' can be automatically mapped to a canonical format in which
the host name is removed and identical addresses in the same domain are merged together (i.e. for NIS
environments). For example, ''sam@flake.asd.sgi.com'' and ''sam@foobar.asd.sgi.com'' are both mapped
to ''sam@asd.sgi.com'' with the associated statistics accumulated. Identical account names in different
domains generate a warning; e.g. ''loki@wpd.sgi.com'' and ''loki@corp.sgi.com''. The above mapping is

done only if the **–map** option is specified, by default account names are not altered.

OPTIONS

–age *days*   Show information only for the facsimile transmitted in the last specified number of *days*.

–csi*   Sort output by the remote party's CSI.

–dest*   Sort output by the phone number called.

–dev*   Sort output by the output device (i.e. modem) used.

–format   Sort output by the negotiated data format.

–job*   Sort output by client-specified job tag identifiers.

–nomap   Do not perform the account name mapping by which statistics for the ''root'' and ''guest'' accounts are merged and leading hostname part of domain names are stripped. This is the default behavior.

–map   Perform the account name mapping by which statistics for the ''root'' and ''guest'' accounts are merged and leading hostname part of domain names are stripped.

–send*   Sort output by sender's account name (default).

–since *time*   Show information only for the facsimile transmitted since the specified *time*; where *time* is of the form ''MM/DD/YY HH:MM'' (the *date*(1) format string %D %H:%M).

–end *time*   Show information only for the facsimile transmitted before the specified *time*; where *time* is of the same form as **since.**

–speed   Sort output by the signalling rate.

DIAGNOSTICS

''**Warning, address clash, "%s" and "%s".**'' During address mapping two mapped addresses were found for the same account name.

''**Warning, weird user address/name "%s".**'' During address mapping an address was encountered that multiple ''@'' symbols in it.

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.

FILES

/var/spool/hylafax   spooling area
etc/xferfaxlog   default file from which to read statistics

SEE ALSO

faxq(8C), *faxsend*(8C), *recvstats*(8C), *hylafax-log*(5F)