

NAME

pagermap – SNPP pager identifier mapping file

DESCRIPTION

The file **etc/pagermap** (by default) is used by the SNPP support in *hfaxd*(8C) to map pager identifiers specified with the PAGE directive to IXO/TAP or SMS service providers and optionally a Pager Identification Number (PIN). (The ability to specify a PIN makes it possible to define *aliases* for pagers.) Note that **etc/pagermap** may be called a different name; the filename is specified with the *PagerIDMapFile* configuration parameter read by *hfaxd*(8C).

The pagermap file is comprised of one or more lines of the following format:

```
<pattern> <dialstring>[/<pin>]
```

Each line specifies a *<pattern>* that is matched against a client-specified pager identifier string. A pattern may be a plain string or a POSIX 1003.2 extended regular expression; plain strings must compare exactly while regular expressions are unanchored and any substring match constitutes a “hit”. Regular expressions are distinguished from plain strings by the presence of one or more of the magic characters “[]* . ^ \$ - + { } ()”. The *<dialstring>* identifies the IXO/TAP or SMS service provider to contact for delivery or, if *<dialstring>* is the string “reject” (case insensitive) then the pager identifier is rejected. If the optional *<pin>* is specified then it is used to deliver the page instead of the client-specified identifier.

If the matching expression is a regular expression the optional *<pin>* may reference the entire string matched by the regular expression with the “&” character. Substrings matched with the “(…)” constructs may be referenced by using “\n” where *n* is a single numeric digit between 1 and 9 that refers to the *n*-th matched substring; c.f. *re_format*(7), *sed*(1), etc.

hfaxd processes lines in the mapping file sequentially; the first line with a pattern that matches the pager identifier is used to deliver or reject the page. Lines that begin with a “#” are treated as comments and discarded. Leading whitespace on a line is also ignored.

EXAMPLES

The following defines an alias for “sam”, submits all destinations with a leading “Sky” to a particular IXO/TAP service provider, and otherwise rejects the pager ID. (Note that using alphabets in dial strings requires a dialstring rules file that understands how to map alphabets to key codes—or one that passes them through verbatim.)

```
# a simple mapping example
sam          5551212/99
Sky(.*)     1800SkyTel/\1
.*          reject
```

SEE ALSO

hfaxd(8C), *hylafax-server*(5F)