NAME

socketmap_table - Postfix socketmap table lookup client

SYNOPSIS

postmap -q "*string***" socketmap:inet:***host***:***port***:***name**
postmap -q "*string***" socketmap:unix:***pathname***:***name**

postmap -q - socketmap:inet:*host***:***port***:***name*** <***inputfile***
postmap -q - socketmap:unix:*pathname***:***name*** <***inputfile***

DESCRIPTION

The Postfix mail system uses optional tables for address rewriting. mail routing or policy lookup.

The Postfix socketmap client expects TCP endpoint names of the form **inet:***host***:***port***:***name***, or UNIX-domain endpoints of the form **unix:***pathname***:***name***. In both cases, *name* specifies the name field in a socketmap client request (see "REQUEST FORMAT" below).

PROTOCOL

Socketmaps use a simple protocol: the client sends one request, and the server sends one reply. Each request and reply are sent as one netstring object.

REQUEST FORMAT

The socketmap protocol supports only the lookup request. The request has the following form:

name **<space>** *key*
> Search the named socketmap for the specified key.

Postfix will not generate partial search keys such as domain names without one or more subdomains, network addresses without one or more least-significant octets, or email addresses without the localpart, address extension or domain portion. This behavior is also found with cidr:, pcre:, and regexp: tables.

REPLY FORMAT

The Postfix socketmap client requires that replies are not longer than 100000 characters (not including the netstring encapsulation). Replies must have the following form:

OK <space> *data*
> The requested data was found.

NOTFOUND <space>
> The requested data was not found.

TEMP <space> *reason*

TIMEOUT <space> *reason*

PERM <space> *reason*
> The request failed. The reason, if non-empty, is descriptive text.

SECURITY

This map cannot be used for security-sensitive information, because neither the connection nor the server are authenticated.

SEE ALSO

http://cr.yp.to/proto/netstrings.txt,
netstring definition
postconf(1),
Postfix supported lookup tables
postmap(1),
Postfix lookup table manager
regexp_table(5),
format of regular expression tables
pcre_table(5), format of PCRE tables
cidr_table(5),

format of CIDR tables

README FILES

Use "**postconf readme_directory**" or "**postconf html_directory**" to locate this information.
DATABASE_README, Postfix lookup table overview

BUGS

The protocol limits are not yet configurable.

LICENSE

The Secure Mailer license must be distributed with this software.

HISTORY

Socketmap support was introduced with Postfix version 2.10.

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