The Cipher Mail Transport Protocol Interface

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1 High level overview

The Cipher Mail Transport Protocol (CMTP) uses a text based, command/reply interface similar to that of the Simple Mail Transport Protocol (SMTP). The commands for CMTP have been designed to make stateless implementation easy. All commands are terminated by a line feed (\n).

OHAI

    This command is used to identify a CMTP client to a CMTP server. This is the CMTP analog to SMTPs HELO/EHLO though there are no parameters that follow.

MAIL

    This command is used to initiate a mail transfer. After the command is issued the CMTP server should expect a self describing CMTP message to follow and should reply after it has been received.

KEYREQUEST <USER> <DOMAIN>

    This command is used to request a public key for some user on some domain. The parameters USER and DOMAIN are null terminated.

NOOP

    This command does nothing but prompt a reply from the CMTP server.

LOGIN <USER>

    This command is used to initiate a user login.

HELP

    This command is used by users that need to RTFM.

OBAI

    This command is used to terminate a connection.