3/8/07

Secure e-mail

User → UAgent → Mail Server → Mail Server → UAgent → User

SMTP

Mail Server

UAgent

User
Man \xrightarrow{\text{Base64}} \text{TWFu}

At the end do padding with 0's
Host

M1

Application
Transport
NET
LL
Phy L

M1

Application

A - Z  26
a - z  26
0 - 9  10
+
-

\frac{2}{64}

Base64

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Man

4D616E
RFC 822

Envelope

Transmission & Delivery

Keywords

Date:
From:
To:
CC:
Subject:

Contents

Header
Text
Message
Message ID

MIME - Extension of
RFC 822
SMTP