To: bob@b.org
From alice@a.org
Dear Bob. ...
(1)

Alice's MUA

SMTP

To: bob@b.org
From alice@a.org
Dear Bob. ...
(5)

Bob's MUA

POP3

To: bob@b.org
From: alice@a.org
Dear Bob. ...
(4)

smtp.a.org

Alice's MSA

The Internet

SMTP

mx.b.org
pop3.b.org

Bob's MDA

mx.b.org
(3)

MX for b.org?
(2)

DNS

DNS

ns.b.org

Virtual Mail System Components

- Postfix (Mail/SMTP Server, MTA)
  - STARTTLS used for encryption
  - SMTP AUTH (SASL) used for authentication
- Dovecot (IMAP/POP3 Server, MDA)
  - (SSL/TLS) used for encryption
- MySql
  - stores the domains and the virtual users
- Spam Filter (Rspamd/SpamAssassin)