Simple Mail Transport Protocol

Other LAN systems (satellites)
Outgoing Messages from LAN Systems

Mail satellites run a stripped-down MTA that only sends to the mail server and does not receive any messages.

Mail server relays messages for satellites.
Incoming Messages to LAN Systems

Internet

mx, a

Auth DNS

MTA
MD4
mailbox

Mail server

MTA

MTA

MTA

Mail satellite MTAs do not receive incoming messages.

DNS directs MTA traffic to mail server via MX records.

Mail server accepts incoming messages for satellite systems as local and stores them in users' inboxes.

To: bob@dsufux.us
    bob@mail, dsufux.us
    bob@foo, dsufux.us
Configure outgoing steps

- on satellite, install exim4, mail utils.
- on satellite, configure exim4 to send through mail server, and not receive.
- on mail server, configure exim4 to relay for satellites.
Configure Incoming Steps

- On satellite, install exim4.
- On satellite, configure exim4 not to receive.
- On mail server, configure exim4 to treat satellite destinations as local.
- On authoritative DNS systems configure MX records for all satellite systems.
- Test, Test, Test!