Chapter 26
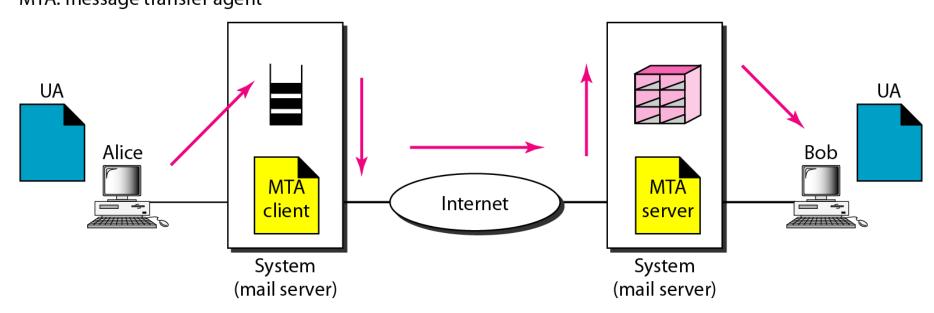
Electronic Mail,

When the sender and the receiver of an e-mail are on the same system, we need only two user agents.

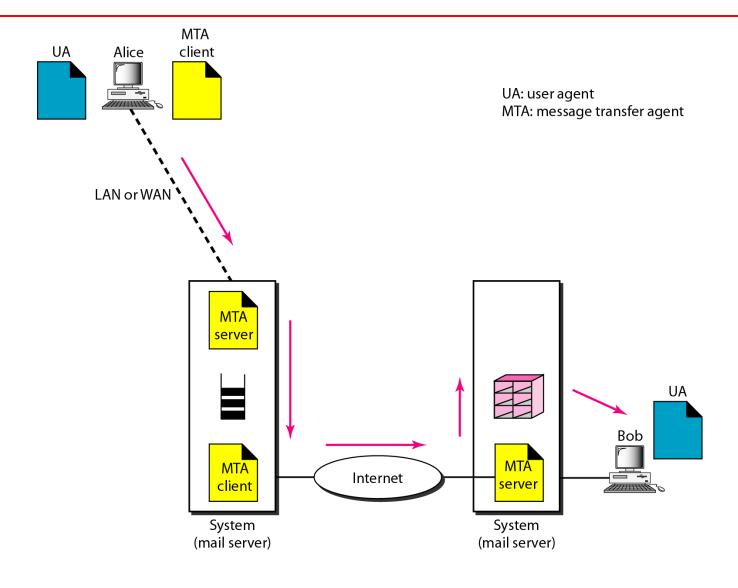# Figure 26.7 *Second scenario in electronic mail*
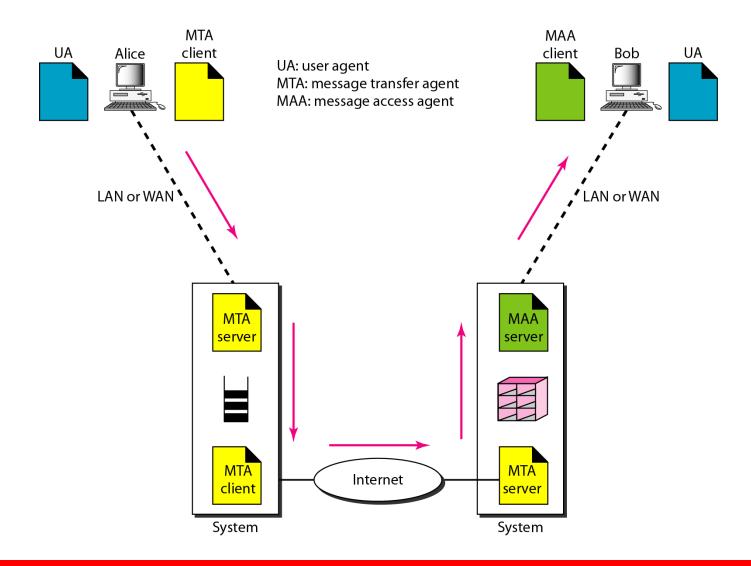

UA: user agent
MTA: message transfer agent

When the sender and the receiver of an e-mail are on different systems, we need two UAs and a pair of MTAs (client and server).
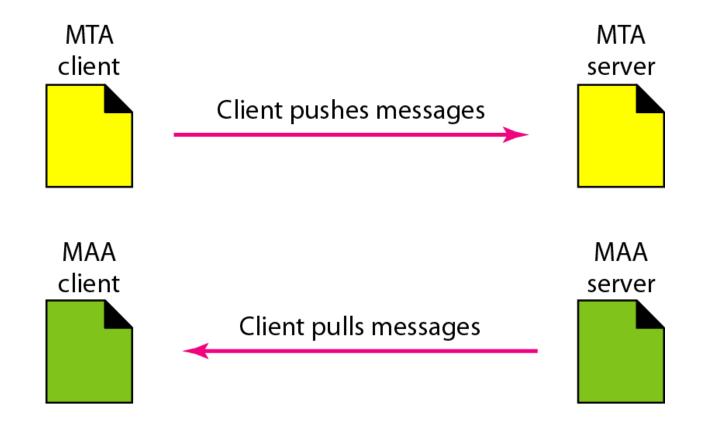
Figure 26.8 *Third scenario in electronic mail*

When the sender is connected to the mail server via a LAN or a WAN, we need two UAs and two pairs of MTAs (client and server).

Figure 26.9 Fourth scenario in electronic mail

UA: user agent
MTA: message transfer agent
MAA: message access agent

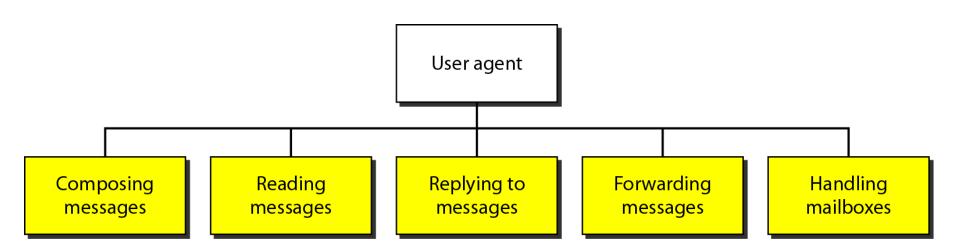# Figure 26.10 *Push versus pull in electronic email*

When both sender and receiver are connected to the mail server via a LAN or a WAN, we need two UAs, two pairs of MTAs and a pair of MAAs.
This is the most common situation today.

Figure 26.11 *Services of user agent*

Note

Some examples of command-driven user agents are *mail*, *pine*, and *elm*.

Note

Some examples of GUI-based user agents are *Eudora*, *Outlook*, and *Netscape*.