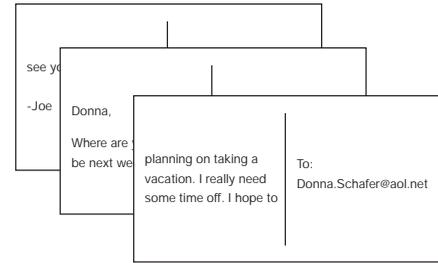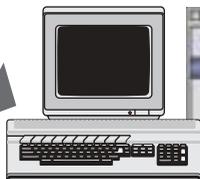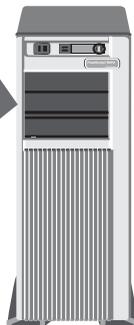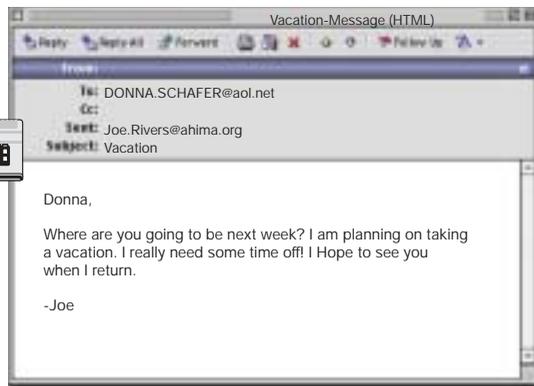# e-mail protocols

IP packages Joe's e-mail message into packets and sends them from node to node across the Internet. *Each packet's content can be viewed or modified at any node through which it passes.*

Untitled - Message

To: Donna.Schafer@aol.net
Cc:
Subject: Vacation

Donna,

Where are you going to be next week? I am planning on taking a vacation. I really need some time off! I Hope to see you when I return.

-Joe

see yo
-Joe

Donna,

Where are
be next we

planning on taking a vacation. I really need some time off. I hope to

To:
Donna.Schafer@aol.net

TCP puts the packets in order, and SMTP takes the message to the server.

When the client requests the user's e-mail, the server downloads the message to the client machine, and the client displays it on the desktop. *The message is stored on the disk and can be viewed by anyone who can see it displayed or who can access the e-mail client.*

Vacation-Message (HTML)

To: DONNA.SCHAFER@aol.net
Cc:
Sent: Joe.Rivers@ahima.org
Subject: Vacation

Donna,

Where are you going to be next week? I am planning on taking a vacation. I really need some time off! I Hope to see you when I return.

-Joe

Several relatively simple protocols are responsible for getting e-mail from its source to its destination–and present risks along the way.