

Tech Moment

It's in the Mail!

By Tom Thorpe

## A few terms

SMTP - Simple Mail Transfer Protocol is an Internet standard for e-mail transmission

POP - Post Office Protocol is an Internet standard protocol used for e-mail retrieval

IMAP - Internet Message Access Protocol is an Internet standard protocol used for e-mail retrieval

January 1, 2015

Mr. John Doe  
123 Main Street  
Beverly Hills, CA 90210

Dear John,

Our association has been pleasant but it is time for us to part and go our own ways. Thanks for all of the good times and the best to you in the future whatever it may hold. Take care and write soon.

Sincerely,  
*Ima Veteran*

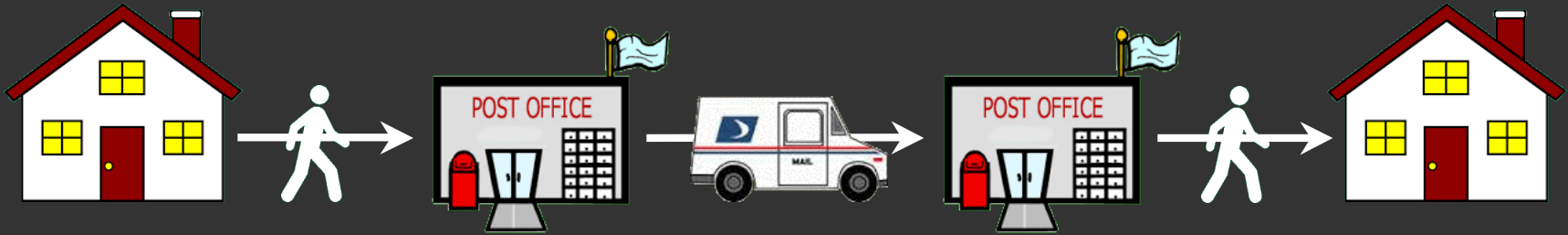
*Ima Veteran*  
1865 Lomita Blvd  
Lomita, CA 90717



*Mr. John Doe*  
123 Main Street  
Beverly Hills, CA  
90210

Beverly Hills

Lomita



January 1, 2015

Mr. John Doe  
123 Main Street  
Beverly Hills, CA 90210

Dear John,

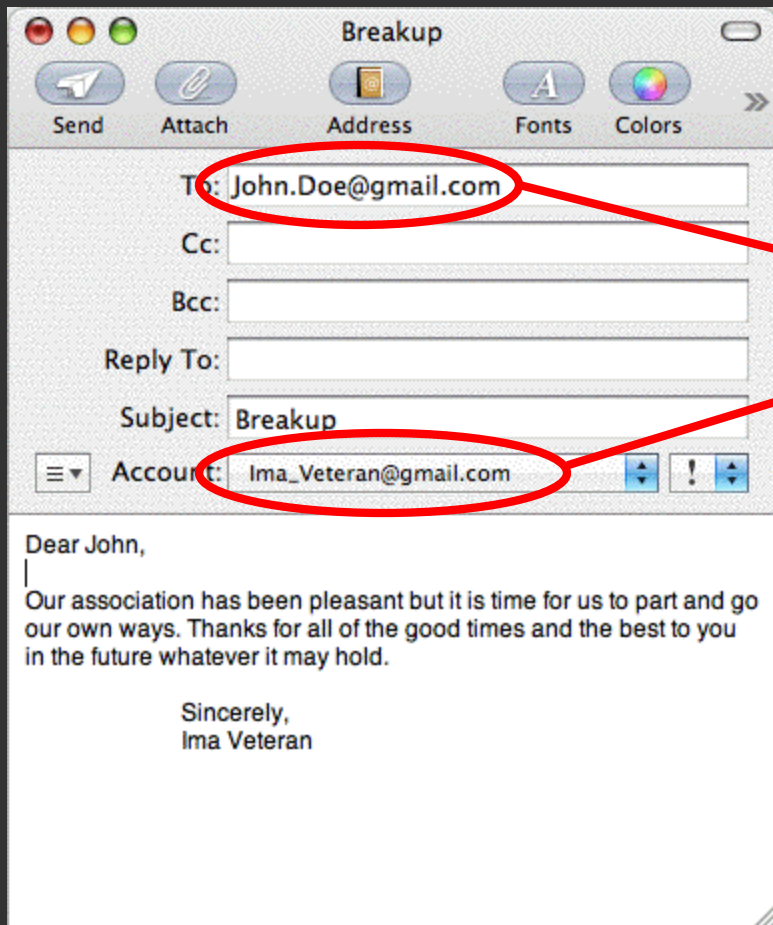
Our association has been pleasant but it is time for us to part and go our own ways. Thanks for all of the good times and the best to you in the future whatever it may hold. Take care and write soon.

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1865 Lomita Blvd  
Lomita, CA 90717



*Mr. John Doe*  
*123 Main Street*  
*Beverly Hills, CA*  
*90210*

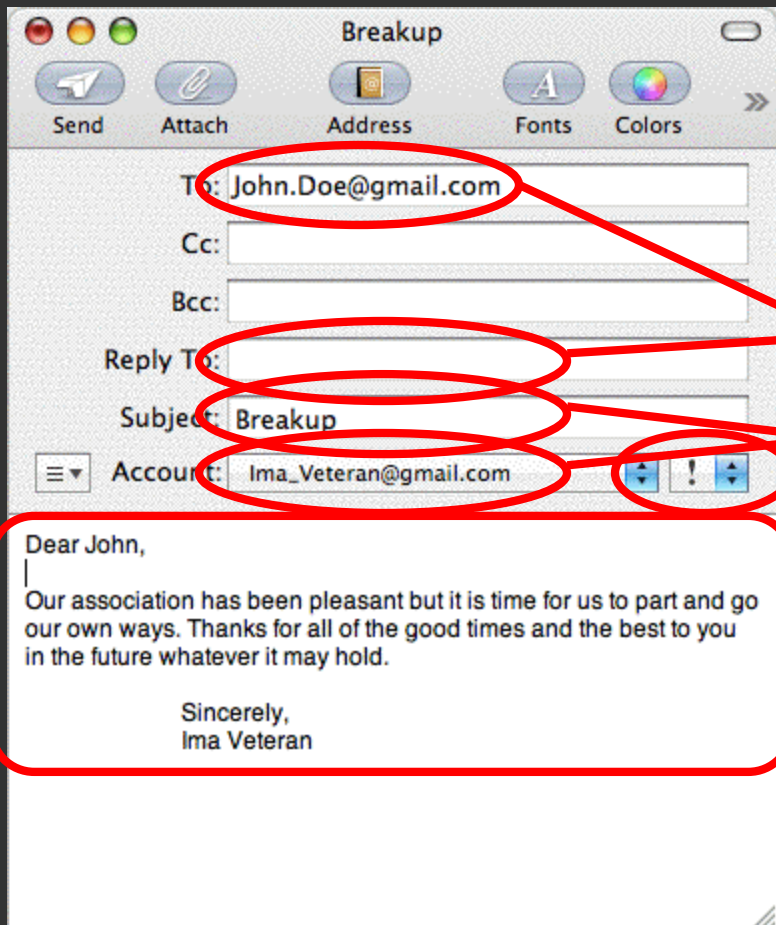


## SMTP "Envelope"

```
HELO
MAIL FROM: Ima_Veteran@gmail.com
RCPT TO: John.Doe@gmail.com
DATA

    <see next chart>

QUIT
```



## The email itself

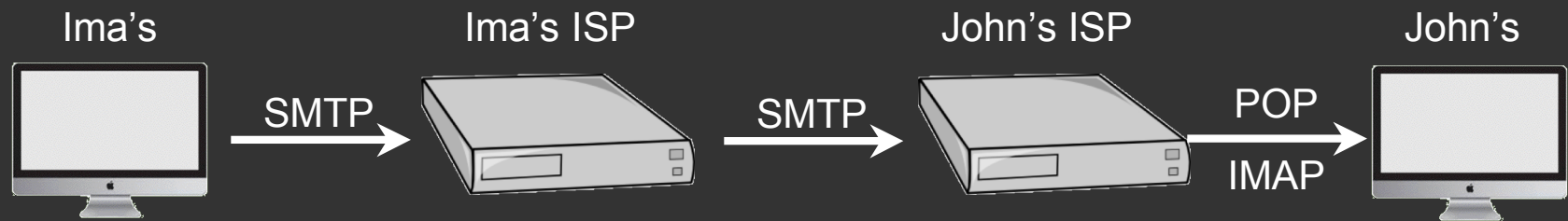
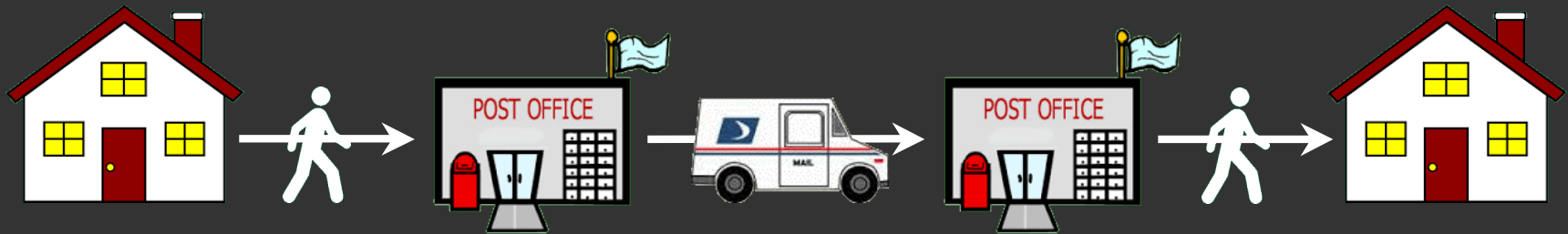
```
Mime-Version: 1.0
X-Priority: 1
Content-Transfer-Encoding: 7bit
Message-Id: 935B12D4-488E-DBE3@gmail.com
Reply-To:
Content-Type: text/plain;charset=US-ASCII
To: John.Doe@gmail.com
From: Ima_Veteran@gmail.com
Subject: Breakup
```

```
Date: Wed, 25 Mar 2015 16:51:53 -0700
```

```
Dear John,

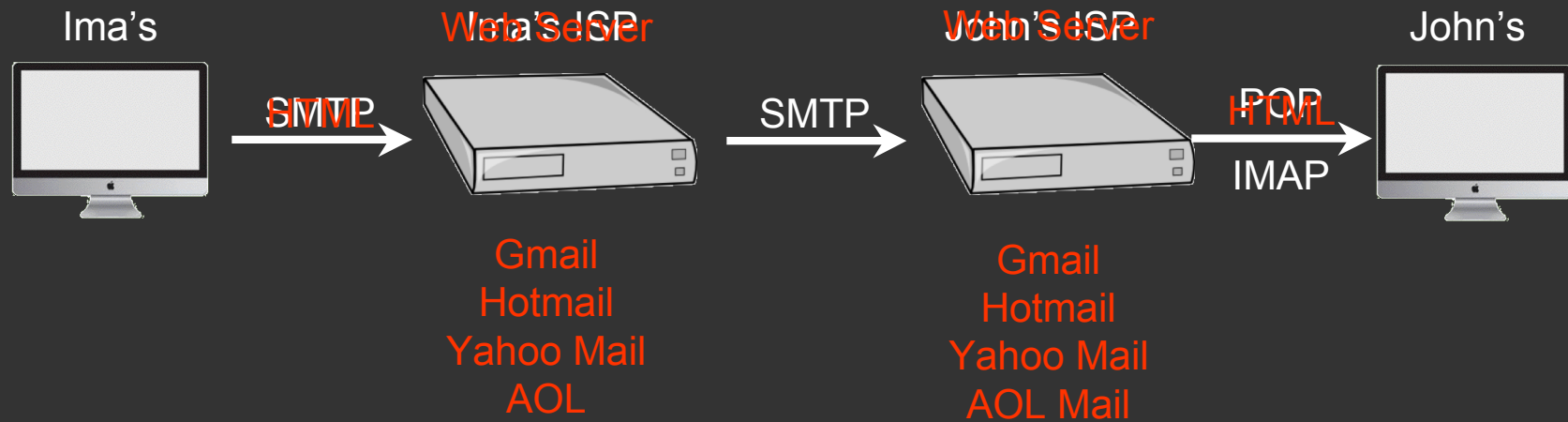
Our association has been pleasant but it
is time for us to part and go our own
ways. Thanks for all of the good times
and the best to you in the future
whatever it may hold.
```

```
Sincerely,
Ima Veteran
```

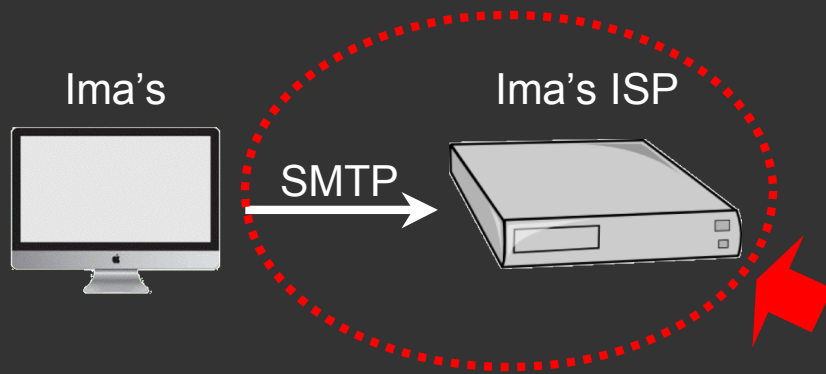




# Web based email



# Configuration



Account Information | Mailbox Behaviors | Advanced

Account Type: POP

Description:

Email Address: Ima\_Veteran@gmail.com, ae\_neuman@gmail.co

Full Name:

---

Incoming Mail Server: pop.gmail.com

User Name:

Password:

Outgoing Mail Server (SMTP): None

# Configuration [cont'd]

Account Information   Mailbox Behaviors   Advanced

Account Type: POP

Description:

Email Address: Ima\_Veteran@gmail.com, ae\_neuman@gmail.co

Full Name:

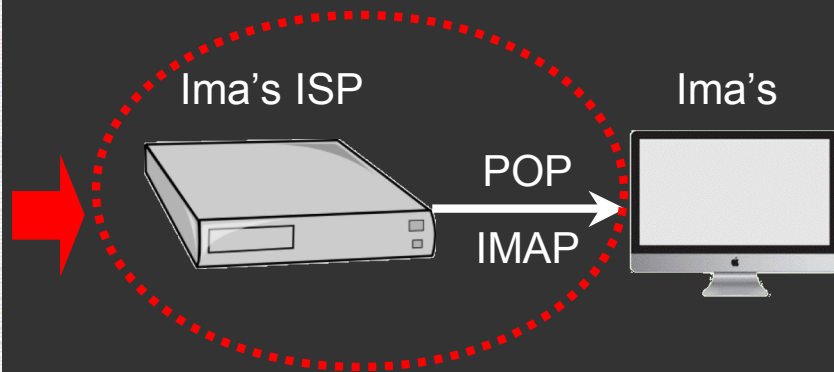
Incoming Mail Server: pop.gmail.com

User Name:

Password:

Outgoing Mail Server (SMTP): None

Server Settings...



# Configuration [cont'd]

Account Information Mailbox Behaviors Advanced

Account Type: POP

Description:

Email Address:

Full Name:

Incoming Mail Server:

User Name:

Password:

Outgoing Mail Server (SMTP):

New Message

Send Attach Address Fonts Colors

To:

Cc:

Bcc:

Reply To:

Subject:

Account:

xxx|

## Summary

- email has an “envelope” that you never see
- email works remarkably like USPS mail
- Web based email is just a variation on the theme
- You have more configuration options than you might think

