

Experiment No.14

Trace the origin of an email using email Tracker pro tool

Theoretical Background

Email tracking

Email tracking is a method for monitoring the delivery of email messages to the intended recipient. Most tracking technologies use some form of digitally time-stamped record to reveal the exact time and date that an email was received or opened, as well the IP address of the recipient.

Email tracking is useful when the sender wants to know if the intended recipient actually received the email, or if they clicked the links. However, due to the nature of the technology, email tracking cannot be considered an absolutely accurate indicator that a message was opened or read by the recipient.

Most email marketing software provides tracking features, sometimes in aggregate (e.g., click-through rate), and sometimes on an individual basis.

Procedure

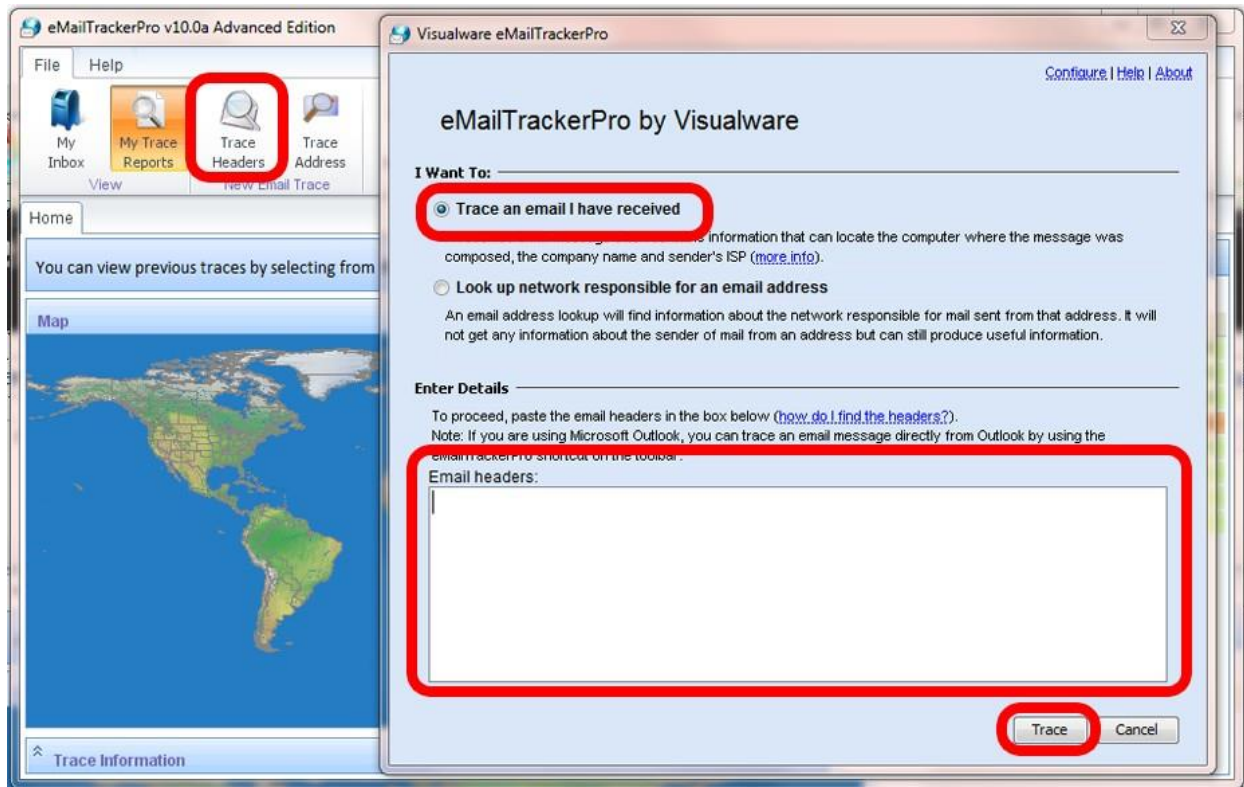
Backup folder/files

Step 1: The below image illustrates the route to take to trace an email header. Whilst in the File tab of the MyTrace Reports section click the Trace Headers option.

The email trace dialog will appear, as shown above. There are two options when tracing an email; trace an email I have received or look up network responsible for an email address. To pinpoint the likely origin of an email the trace an email I have received option is the way to go. This requires the header for the email that needs tracing; click here for information on finding the header for the most popular email clients.

Once the email header has been obtained simply copy and paste it into the Email Headers text box and click the Trace button. This will initiate the trace.

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Step 2: The image below represents an email trace in progress.

A new tab will open with each new trace; closing the tab will stop the current trace.

The likely location/origin of the email will appear on the world map and the route table will begin to populate.

The route table shows the path from the computer the trace is taking place on to the likely origin of the email. So the information in the first table row is for the computer the trace is taking place on and the last entry will be the most likely origin.

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Home Subject: RE: Visualwar... X

Validating route to sender 66% complete New Trace

Map

Littleton, Colorado, USA

#	Hop IP	Hop Name	Location
2	62.3.87.145	losubs.subs.dsl1.wh-man.z	London, UK
3	62.3.80.197	no-dns-yet-62-3-80-197.zen.	(United Kingdom)
4	62.3.80.50	ge-2-0-0-0.cr2.wh-man.zen.r	London, UK
5	77.67.66.101	ae2-117.man11.ip4.tinet.net	(Germany)
6	89.149.184.250	xe-4-0-0.was10.ip4.tinet.net	(Germany)
7	63.146.26.17	dcp-brdr-03.inet.qwest.net	Washington, DC, USA
10	75.166.134.19	75-166-134-19.hlm.qwest.ne	Littleton, Colorado, USA
11	75.166.134.19	75-166-134-19.hlm.qwest.ne	Littleton, Colorado, USA

Email Summary

The trace is running, data will update as it becomes available.

From: fef@xrex.us
To: daniel.palmer@visualware.com
Date: Wed, 2 Jan 2013 08:38:28 -0700
Subject: RE: Visualware Support Request: CallerIP
Location: Littleton, Colorado, USA

Abuse Address: abuse@qwest.net
Abuse Reporting: To automatically generate an email abuse report [click here](#)
From IP: 75.166.134.19

Network Whois
Domain Whois
Email Header

Step 3: Final result

Home

All traces complete

Map

Littleton, Colorado, USA

Trace Information

Subject: RE: Visualware Support Request: CallerIP
Misdirected: No
From: fef@xrex.us
Sender IP: 75.166.134.19
Abuse Address: abuse@qwest.net

Previous Traces

Subject	From	IP
=?utf8?Q?We_a	info-weEud@915	129.134.15.248
Hi Dan ; =?UTF	-info_msn@xPh	(129.134.12.230
Re: Apple Devel	nigel.ottley@vis	81.155.132.169
Visualware Orde	support@visualw	74.125.149.115
RE: Visualware	DwightL@drael.c	206.135.169.11
(No Subject)	raj_sasi99@hotr	65.54.190.125
Email Trace Tes	palmervisualware	65.55.34.73
Email Trace Tes	palmervisualware	65.55.34.73
Re: CIP-V4C1E2	aaron.g@interlig	12.40.92.234
RE: Visualware	fef@xrex.us	75.166.134.19

Conclusion

We have conclude that how should we perform email tracing using emailTracker pro.

Exercise

1. What is an email tracing?
2. Write advantages and disadvantages of email tracking.
3. Write 4 names of email tracking software.
4. What is need of email tracking?

Answers

This image shows a full page of primary-ruled paper. It features multiple horizontal rows of small, evenly spaced dots, designed to guide young learners in writing their letters and words. The dots are arranged in straight, parallel lines across the entire width of the page.

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Marks obtained			Dated signature of Teacher
Process Related (15)	Product Related (10)	Total(25)	