Practical No. 09

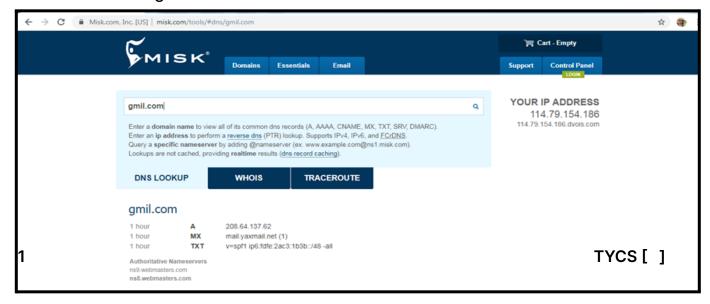
AIM - Email Forensics.

9.1 Mail Service Providers -

1. Go to "https://www.misk.com/tools/#dns" then enter your domain name e.g. gmail.com. Press enter and see the details.

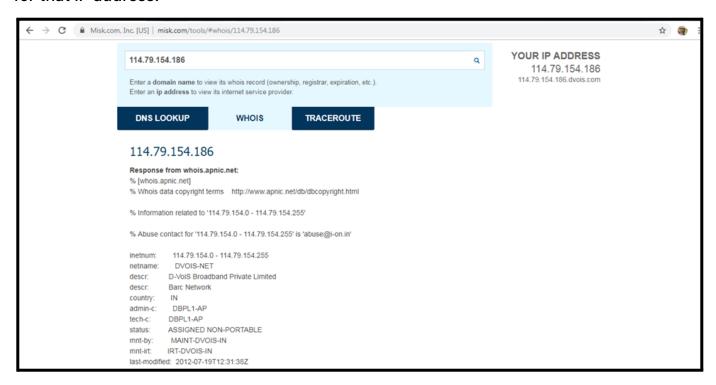


Look for the MX record and observe the name to the right of it, which is the domain's email provider e.g. (mail.yaxmail.net). You can contact this company or one listed as the nameservers in regards to the domain's email.



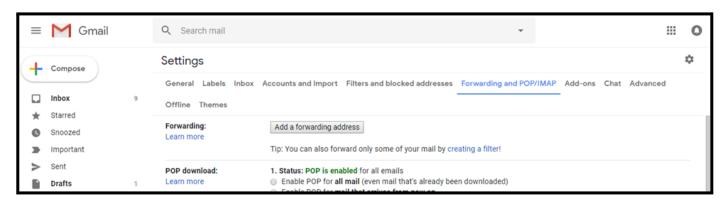
2. IP (Internet Protocol) "whois" →

Copy the IP address and perform "whois" search to Find the Company providing service for that IP address.



9.2 Email Protocols -

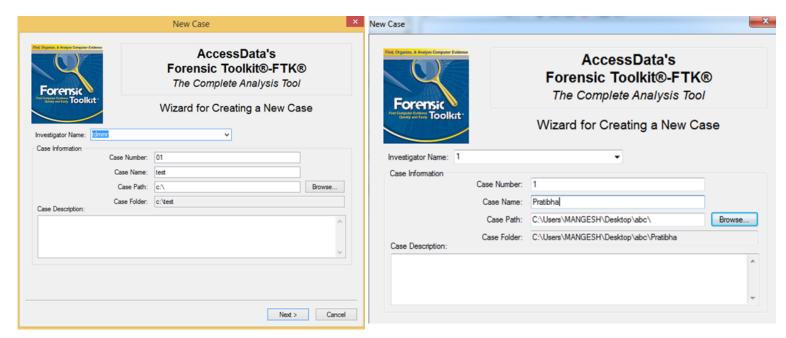
On the computer, Open Gmail. In the top right, → Click "Settings" → then click the forwarding and "POP/IMAP" tab



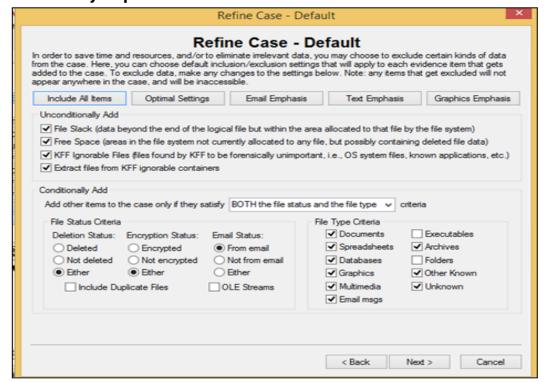
2 TYCS[]

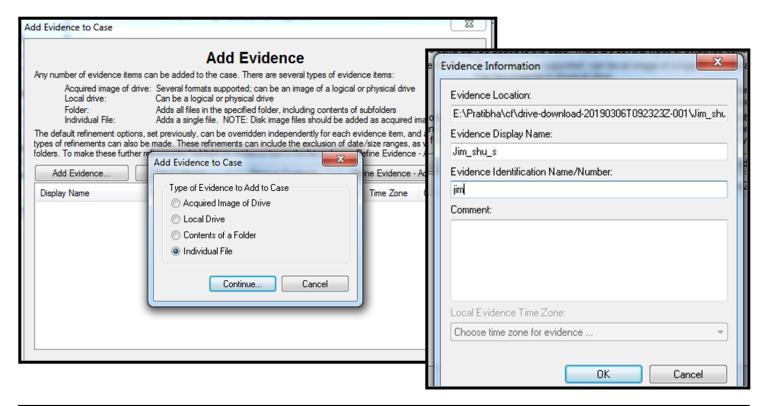
9.3 Recovering Emails -

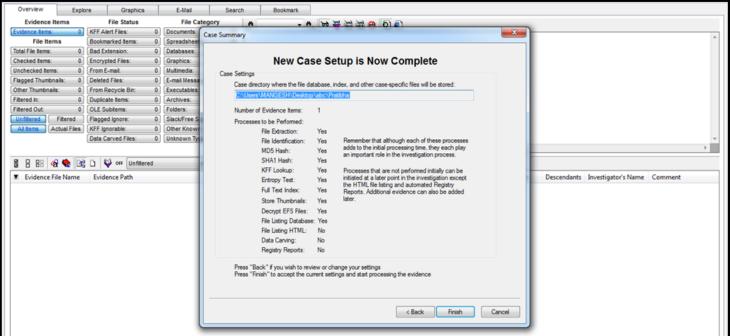
Open Forensic Toolkit 1.81 (Run as Administrator) → Start New Case → Fill the Information.



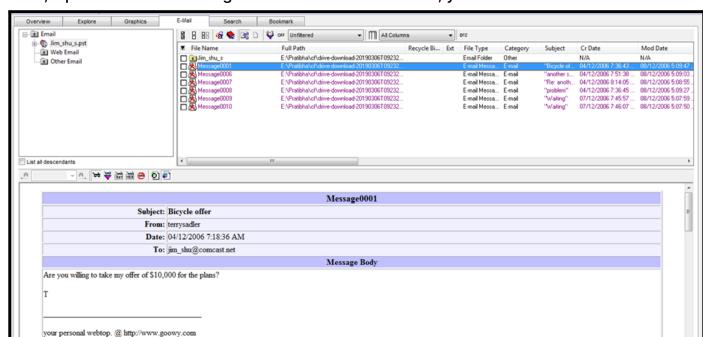
Select Email Emphasis \rightarrow Select all the CheckBoxes \rightarrow Add Evidence \rightarrow Individual File \rightarrow Browse the "jim.pst" \rightarrow Finish.







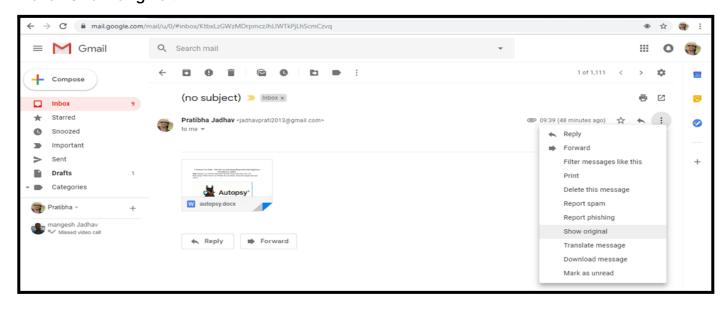
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Now, Open the Email Messages tab and select the Email, you want to see the information.

9.3 Analyzing the Email Header-

Open Email you want to check the headers for. Then Next \rightarrow click the down arrow and click Show original.

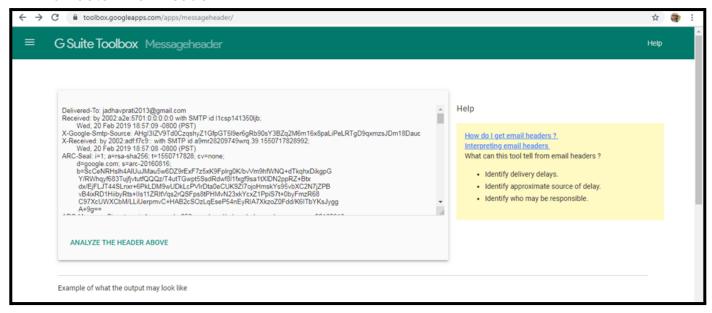


5 TYCS[]

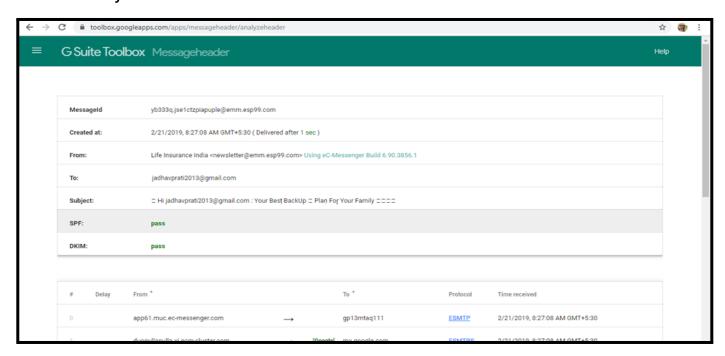
Copy the text on the page. And Open the Message header tool. -

→ "https://toolbox.googleapps.com/apps/messageheader/"

→ And Paste Email Header.



→ Click Analyze the header Above



6 TYCS[]