



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of the UGC Act, 1956)

WINTER SEMESTER 2019-20
DIGITAL FORENSICS (CSE4004)
LAB ASSIGNMENT - 5

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Email Forensics Aid4Mail

- Aid4Mail is a fast, accurate, and easy-to-learn email forensics software solution.
- Over the years, it has become an essential tool for computer forensics and e-discovery professionals around the world.
- Aid4Mail supports over 40 email formats and mail client programs, as well as many popular webmail services and remote accounts through IMAP.
- Internet Message Access Protocol (IMAP) is an Internet standard protocol used by email clients to retrieve email messages from a mail server over a TCP/IP connection.

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IMAP Settings
Complete all the fields under Server Configuration required to connect to an IMAP account. Click "Save As" button to store settings under new name. To delete settings, select name from Settings list and press Delete key. Only set the Namespace field if you need to access shared or public mail folders.

IMAP Server Proxy Settings

Settings:
Gmail Save As...

Server Configuration

| | | | |
|--|-----------------------|--|---------------------------------|
| Server name or IP addr.: imap.gmail.com | Namespace: default | User name: dishijain2017@vitstudent.ac.in | Max. folder depth: no limit |
| Port: 993 | Time out: 90 | Connection security: SSL/TLS | Password: ***** |
| | | | Max. folder length: no limit |

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Source IMAP Folders
Uncheck the IMAP folders you do not want to process. To check/uncheck a whole tree branch, hold down the Ctrl key while you click in a checkbox.

☒ IMAP (0)

- ☒ Inbox (4339)
 - ☒ [Gmail]
 - ☒ All Mail (4417)
 - ☒ Drafts (7)
 - ☒ Important (1072)
 - ☒ Sent Mail (69)
 - ☒ Starred (18)

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Target Format

Select the export format or message contents to extract from the source mail. Choose "EML message files" to save each email in individual files (the file extension and type of contents to save can be defined in the next screens.)

Extract email addresses

MHT Web archive files

MHT message files for viewing in Internet Explorer

MHT message files for viewing in Office Excel

MHT message files for importing into a database

Mail archives

Adobe PDF file

Aid4Mail ZIP archive

Custom formats using scripts

Convert emails to CSV (opens in Excel)

Convert emails to XML (opens in browser)

Export email metadata to CSV (opens in Excel)

Export email metadata to TSV (tab delimited format)

Export email metadata to XMI

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Export Options

Choose the format you want for exported messages; "Preserve full message" is the only setting that restores the complete original email format. Use the other settings to control how mail is exported. Options that are not available for the selected source/target mail format are grayed out.

Export Format

☒ Preserve full message

☐ Only keep rich content (attachments are removed)

☐ Only keep plain text message

☐ Convert UTF-8 to ANSI

Export Options

☐ Restore source mail folder structure

☐ Detach attachments and inserted files from email messages

☐ Append messages to target mailbox file

☐ Do not add duplicate messages

☐ Use unique MD5 file names

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