## How to Use- Kernel Gmail Backup or Kernel IMAP Backup?

The **Kernel Gmail Backup** tool lets you backup a single/multiple mailboxes from the source IMAP email server to multiple file formats. Follow the steps as:

**Step 1:** Launch the **Kernel IMAP Backup** application. The welcome screen of the software appears. To add the source (IMAP server), click the **Add** button.



**Step 2:** In the **Connect to IMAP Mailbox** page, provide the source server credentials (you can get Server name details for different email servers from the list on the right side).

To add IMAP enabled Gmail account, enter the server name as imap.gmail.com (refer to the list on the right). Now provide the login details of the account. Then click Add.

|                         |                | Connect to I | MAP Mailbox |  |   |   |                       |
|-------------------------|----------------|--------------|-------------|--|---|---|-----------------------|
| 1 🌰 🏶                   | 💵 N 🗛          |              | zimbra Ot   | hers IM                                | AP Mail Server Connect  | ion Settings:   |                       |
|                         |                |              |             | Default Po                             | rts: Server:  | Authentication:   | Ports                 |
|                         |                |              |             | IMAP Ser                               | er Non-Encrypeted   | AUTH  | 143                   |
| Server Name/IP:         | imap.gmail.com | •            |             |  | Secure (TLS)  | StartTLS  | 143                   |
|                         |                |              |             |  | Secure (TLS)  | SSL   | 993                   |
| User Email/Login Id:    | @gmail.com     |              |             |  |   |   |                       |
|                         |                |              |             | Google M                               | ail - Server:   | Authentication:   | Port:                 |
| Password:               | •••••          |              |             | Gmail                                  | imap.gmail.com  | SSL   | 993                   |
|                         |                |              |             | You also n                             | Login to your account and ei<br>eed to enable "less secure app<br>the Gmail settings                          | nable IMAP.<br>os" (third party ap <sub>i</sub><br>:        | ps) in                |
|                         |                |              |             | Outlook.c                              | om Server:  | Authentication:   | Ports                 |
| Connect Server via Prox | У              |              |             | IMAP Serv                              | er imap-mail.outlook.com  | SSL   | 993                   |
| Server Name:            |                |              |             | Office365.                             | com Server.   | Authentication:   | Ports                 |
| Port Number:            |                |              |             | IMAP Ser                               | er outlook.office365.com  | SSL   | 993                   |
|                         | Add Cancel     | ]            |             | Note: If th<br>then log<br>"Options" > | e above settings are not work<br>in into the outlook web app, c<br>Account" > "My Account" > "Sel<br>Access". | ing for your acco<br>to the "Settings<br>ttings for POP and | unt,<br>5 ><br>9 IMAF |

Similarly, you can add different IMAP email accounts

To add AOL account, use the server name as imap.aol.com (refer to the list on the right). Enter the login credentials and click Add.

|                                  |              | Connect to I | MAP Mailbox |  |   |   |   | >                        |
|----------------------------------|--------------|--------------|-------------|--|---|---|---|--------------------------|
| Mail Server Connection Settings: |              |              |             |  |   |   |   |                          |
|                                  |              |              |             |  | Defoult Ports:  | Server:   | Authentication:   | Ports:                   |
|                                  |              |              |             |  | IMAP Server   | Non-Encrypeted  | AUTH  | 143                      |
| Server Name/IP:                  | imap.aol.com | •            |             |  |   | Secure (TLS)  | StortTLS  | 143                      |
|                                  |              |              |             |  |   | Secure (TLS)  | SSL   | 993                      |
| User Email/Login Id:             | .aol.com     |              |             |  |   |   |   |                          |
|                                  |              |              |             |  | Google Mail -   | Server:   | Authenticotion:   | Port:                    |
| Password:                        | •••••        |              |             |  | Ğmail   | imap.gmail.com  | SSL   | 993                      |
| Port Number:                     | 993          |              |             |  | Please make si  | ure, that IMAP access is en<br>settings.  |   | ount                     |
|                                  |              |              |             |  | Logi  | in to your account and en   | able IMAP.  |                          |
|                                  |              |              |             |  | You also need t                                       | o enable "less secure app:<br>the Gmail settings:   | s" (third party ap <sub>l</sub>                             | ps) in                   |
|                                  |              |              |             |  | Outlook.com   | Server.   | Authentication:   | Ports:                   |
| Connect Server via Prox          | У            |              |             |  | IMAP Server   | imap-mail.outlook.com   | SSL   | 993                      |
| Server Name:                     |              |              |             |  |   |   |   |                          |
| Server Halle.                    |              |              |             |  | Office365.com   | Server:   | Authenticotion:   | Ports:                   |
| Port Number:                     |              |              |             |  | IMAP Server   | outlook.office365.com   | SSL   | 993                      |
|                                  | Add Cancel   | _            |             |  | Note: If the ab<br>then login in<br>"Options" > "Acco | ove settings are not worki<br>to the outlook web app, g<br>ount" > "My Account" > "Seti<br>Access". | ng for your acco<br>o to the "Settings<br>tings for POP and | ount,<br>5 ><br>9 IMAP 🗸 |

To add Outlook.com account, enter server name as imap-mail.outlook.com (refer to the list on the right). Enter the login details and finally click Add.

| Connect to IMAP Mailbox × |   |   |  |  |  |  |  |                     | × |
|---------------------------|---|---|--|--|--|--|--|---------------------|---|
| M 🌰 🏶                     | MAP Mail Server Connection Settings:  |   |  |  |  |  | ^  |                     |   |
|                           |   |   |  |  | Defoult Ports:   | Server:  | Authenticotion:  | Ports:              |   |
|                           |   |   |  |  | IMAP Server  | Non-Encrypeted   | AUTH   | 143                 |   |
| Server Name/IP:           | imap-mail.outlook.com   | 2 |  |  |  | Secure (TLS)   | StartTLS   | 143                 |   |
|                           |   |   |  |  |  | Secure (TLS)   | SSL  | 993                 |   |
| User Email/Login Id:      | outlook.com   |   |  |  |  |  |  |                     |   |
|                           |   |   |  |  | Google Mail -  | Server:  | Authenticotion:  | Port:               |   |
| Password:                 | •••••   |   |  |  | Gmail  | imap.gmail.com   | SSL  | 993                 |   |
| Port Number:              | Port Number: 993 Please make sure, that IMAP access is enabled in the account settings.   |   |  |  |  |  |  |                     |   |
|                           | Login to your account and enable IMAP.<br>You also need to enable "less secure apps" (third party apps) in<br>the Gmail settings: |   |  |  |  |  |  |                     |   |
|                           |   |   |  |  | Outlook.com  | Server.  | Authenticotion:  | Ports:              |   |
| Connect Server via Prox   | KY .  |   |  |  | IMAP Server  | imap-mail.outlook.com  | SSL  | 993                 |   |
| Server Name:              |   |   |  |  |  |  |  |                     |   |
| control ritalito.         |   |   |  |  | Office365.com  | Server:  | Authenticotion:  | Ports:              |   |
| Port Number:              |   |   |  |  | IMAP Server  | outlook.office365.com  | SSL  | 993                 |   |
|                           | Add Cancel  |   |  |  | Note: If the ob-<br>then login in<br>"Options" > "Acco | ove settings are not workir<br>to the outlook web app, go<br>unt" > "My Account" > "Sett<br>Access". | ng for your acco<br>to the "Settings<br>ings for POP and | unt,<br>* ><br>HMAP | ~ |

To add Yahoo account, enter the server as imap-mail.yahoo.com (refer to the list on the right). Enter the login details for the account and click Add

|                          |                     | Connect to IN | MAP Mailbox |               |  |  |  |                                     |
|--------------------------|---------------------|---------------|-------------|---------------|--|--|--|-------------------------------------|
| M 🌰 🏶                    | E N Aws             |               | zimbra      | •••<br>Others | IMAP I   | Mail Server Connection   | on Settings:   | ~                                   |
|                          |                     |               |             |               | Defoult Ports:   | Server:  | Authentication   | Ports:                              |
|                          |                     |               |             |               | IMAP Server  | Non-Encrypeted   | AUTH   | 143                                 |
| Server Name/IP:          | imap.maiL.yahoo.com | •             |             |               |  | Secure (TLS)   | StartTLS   | 143                                 |
|                          |                     |               |             |               |  | Secure (TLS)   | SSL  | 993                                 |
| User Email/Login Id:     | /ahoo.com           |               |             |               |  |  |  |                                     |
|                          |                     |               |             |               | Google Mail -  | Server:  | Authentication:  | Port:                               |
| Password:                | •••••               |               |             |               | Gmail  | imap.gmail.com   | SSL  | 993                                 |
| Port Number:             | 993                 |               |             |               | Please make sure, that IMAP access is enabled in the account settings. |  |  |                                     |
|                          |                     |               |             |               | You also need t  | o enable "less secure app:<br>the Gmail settings:  | " (third party ap  | ρs) in                              |
|                          |                     |               |             |               | Outlook.com  | Server:  | Authenticotion:  | Ports:                              |
| Connect Server via Proxy | У                   |               |             |               | IMAP Server  | imap-mail.outlook.com  | SSL  | 993                                 |
| Server Name:             |                     |               |             |               |  |  |  |                                     |
|                          |                     |               |             |               | Office365.com  | Server:  | Authenticotion:  | Ports:                              |
| Port Number:             |                     |               |             |               | IMAP Server  | outlook.office365.com  | SSL  | 993                                 |
|                          | Add Cancel          | ]             |             |               | Note: If the ob<br>then login in<br>"Options" > "Acco                  | ove settings are not worki<br>to the outlook web app, g<br>unt" > "My Account" > "Sett<br>Access". | ng for your acco<br>b to the "Settings<br>ings for POP and | ount,<br>s <sup>-</sup> ><br>d IMAP |

Likewise, you can add other accounts like Office 365, Exchange, AWS, Lotus Notes, GroupWise, etc. as the source by providing the User ID and Password details (for server names, refer to the list on the right).

After entering all required details, click the Add button. This account will get added as the Source.

Step 3: Select the added source account and click the Set filter and Migrate option.

|   |            | Kernel IMAP Backup  | _ ×                    |
|---|------------|---|------------------------|
|   | Kernel     |   |                        |
|   |            | Please use "Add" button to add single/multiple IMAP mailboxes for backup. | + Add                  |
|   | egmail.com |   | + -                    |
| 1 |            |   |                        |
|   |            |   |                        |
|   |            |   |                        |
|   |            | Export mapped list to CSV Import from CSV                                 | Set Filter and Migrate |

**Step 4:** All the source mailbox folders will get retrieved. Now, in the Filter Selection window, you can provide the required filtering:

- **Review the folder selection** To select the folders for migration.
- **Date Filter** Enter the From date and To date.
- Item Type Filter Select the item types for migration.

- **Exclude Deleted folder** Select if you want to exclude 'Deleted item folder' from migration
- **Exclude empty folders** Select if you want to exclude empty folders from the migration.
- Select if you want to save Provide a folder name (to save the data with hierarchy inside a mailbox folder)
- **Set operation timeout** Select an upper time limit for migration (the migration will be rejected if it exceeds this time limit).
- **Skip already migrated** Select this option if you want to avoid migrating the already migrated items i.e. to migrate only the incremented mailbox data

In the end, click I am OK, Start Migration.

|                 | Filter Selection                                       | n          |                          | ×         |  |  |  |  |  |
|-----------------|--|------------|--------------------------|-----------|--|--|--|--|--|
| Review and sea  | arch Mailbox Folders to Migrate                        |            |                          |           |  |  |  |  |  |
|                 | Folder Path  | Item Count |                          | 21        |  |  |  |  |  |
| Searc           | h Q  | Search     | 0                        | ÷.        |  |  |  |  |  |
| 4 M             | ailhor: Ønmail.com                                     |            |                          | <u>e:</u> |  |  |  |  |  |
|                 |  | 0          |                          |           |  |  |  |  |  |
|                 |  | 0          |                          |           |  |  |  |  |  |
|                 |  | 62         |                          |           |  |  |  |  |  |
|                 | Accounts/Lol/Notes                                     | 19         |                          |           |  |  |  |  |  |
|                 |  | 123        |                          |           |  |  |  |  |  |
|                 | ✓ INBOX\My_Emails                                      | 4          |                          |           |  |  |  |  |  |
|                 | ✓ INBOX\Testing M                                      | 0          |                          |           |  |  |  |  |  |
|                 | ✓ Local  | 0          |                          |           |  |  |  |  |  |
|                 | ✓ Local\Address Book                                   | 1          | •                        |           |  |  |  |  |  |
| Date Filter     |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
| From:           | 6/12/2019 To: 10/14/2019                               |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
| Exclude Del     | eted folder  |            |                          |           |  |  |  |  |  |
| Exclude em      | oty folders  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
| Select if you   | want to save all data hierarchy into a separate folder |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
| Set operation t | imeout for larger emails while uploading/downloading   | 20 Min 🗸   |                          |           |  |  |  |  |  |
| _               |  |            |                          |           |  |  |  |  |  |
| Skip Previou    | usly Migrated Items ( Incremental )                    |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |
|                 |  | Cancel     | I am OK, Start Migration |           |  |  |  |  |  |
|                 |  |            |                          |           |  |  |  |  |  |

**Step 5:** In the **Save As** window, Select **PST** file and check **Split Output PST File After** option to create multiple backup PST files and click **OK**.

|                  |                    | Save As                           | × |
|------------------|--------------------|-----------------------------------|---|
| Please select ou | tput type for back | up                                |   |
| 02               | ● PST              | Split Output PST File After: 2 GB |   |
| EML              |                    | 📉 🔿 MSG 🤠 🔿 НТМL 👩 🔿 МНТ          |   |
|                  | O DOCX             | OPDF                              |   |
|                  |                    | OK Cancel                         |   |

Step 6: Next, provide a destination path on the system to save the backup file and click OK.

| Review and search Mailbox Folders to Migrate         Folder Path       Item Count         Search         Mailbox:       @gmail.com         Accounts       0       0         Accounts       0       0         Accounts       0       0         Accounts       D       0         INBOX       Select local drive or network drive       0         Inspox       Help Guide - Kernel for Excel       0         Inspox       Help Guide - Kernel for Excel       0 <th>×</th> <th>&gt;</th> <th>Filter Selection</th> <th></th>  | × | >                        | Filter Selection   |  |
|--|---|--------------------------|--|--|
| Folder Path       Item Count         Search       Search         Mailbox:       @gmail.com         Accounts       0         Accounts\Lpl       0         Accounts\Lpl\Co       Browse For Folder         Accounts\Lpl\No       Browse For Folder         Select local drive or network drive       Select local drive or network drive         Local       Help Guide - Kernel for Excel   |   |                          | to Migrate   | Review and search Mailbox Folders                |
| Search       Search.  |   | 🔺 🔽                      | Item Count   | Folder Path                                      |
| Mailbox:     @gmail.com     Accounts     O     Accounts\Lpl     O     Accounts\Lpl\Co     Browse For Folder     Accounts\Lpl\Co     INBOX     Select local drive or network drive     INBOX/Testing M     Local     I local\Address Br     Help Guide - Kernel for Excel   |   | <u>ب</u>                 | 🔎 Search   | Search   |
| Accounts ↓ D     Accounts ↓ D     Accounts ↓ D     Accounts ↓ D     Browse For Folder      Accounts ↓ D     Browse For F |   |                          | @gmail.com   | A Mailbox:                                       |
| ✓ Accounts\Lpl ✓ Accounts\Lpl\Co ✓ Accounts\Lpl\Co ✓ Accounts\Lpl\No ✓ Browse For Folder ✓ Accounts\Lpl\No ✓ INBOX ✓ INBOX/My_Email ✓ INBOX/Testing M ✓ Local ✓ Local ✓ I local\Address Br ✓ Help Guide - Kernel for Excel   |   |                          | 0  | Accounts   |
| Accounts\Lpi\Co Accounts\Lpi\Co Browse For Folder NBOX INBOX Select local drive or network drive Select local drive or network drive Local Local Help Guide - Kernel for Excel Help Guide - Kernel for Excel   |   |                          | 0  | Accounts Lpl                                     |
| <ul> <li>□ INBOX</li> <li>&gt;&gt; INBOX/My_Email</li> <li>&gt;&gt; Select local drive or network drive</li> <li>&gt;&gt; INBOX/Testing M</li> <li>&gt;&gt; Local</li> <li>&gt;&gt; Help Guide - Kernel for Excel</li> <li>&gt;&gt; Help Guide - Kernel for Excel</li> </ul>   |   |                          | Browse For Folder  | Accounts\Lpl\Co                                  |
| ✓ Local     ✓ Local\Address Br     ✓ Local\Address Br     ✓ Local\Address Br   |   |                          | Select local drive or network drive  | ☐ INBOX<br>☑ INBOX\My_Email<br>☑ INBOX\Testing № |
|  |   | •                        | Help Guide - Kernel for Excel  | ✓ Local  |
| Date Filter     Image: Answer of the second se                     |   |                          | How-to-use-NSF-to-Office365     Manisha     Migrate GroupWise Converter to Exchange              | Date Filter<br>From: 6/12/2019                   |
| <ul> <li>Newly - Kernel for Excel</li> <li>OpenOffice 4.1.4 (en-US) Installation Files</li> </ul>  |   |                          | <ul> <li>Newly - Kernel for Excel</li> <li>DenOffice 4.1.4 (en-US) Installation Files</li> </ul> |  |
| < >  |   |                          | < >  |  |
| Exclude Deleted folder Folder: Manisha   |   |                          | Folder: Manisha  | Exclude Deleted folder                           |
| Exclude empty folders  |   |                          |  | Exclude empty folders                            |
| Select if you want to save all dat Make New Folder OK Cancel   |   |                          | Make New Folder OK Cancel  | Select if you want to save all dat               |
|  |   |                          |  |  |
|  |   |                          |  |  |
| Set operation timeout for larger emails while uploading/downloading 20 Min v   |   |                          | ils while uploading/downloading 20 Min 🗸   | Set operation timeout for larger ema             |
| Skip Previously Migrated Items (Incremental)   |   |                          | Incremental )  | Skip Previously Migrated Items (                 |
|  |   |                          |  |  |
| Cancel I am OK, Start Migration  |   | I am OK, Start Migration | Cancel   |  |

| Folder Path                    |                        | Item Count                 |          |     |
|--------------------------------|------------------------|----------------------------|----------|-----|
|                                | -                      |                            |          | ^   |
|                                | Sun                    | imary                      |          |     |
| Mailbox                        | Folder                 | Status                     | Item Cou | nt  |
| aftab.lepide@gmail.com         | Accounts               | Success                    | 0        |     |
| aftab.lepide@gmail.com         | Accounts\Lpl           | Success                    | 0        |     |
| aftab.lepide@gmail.com         | Accounts\Lpl\N         | Success                    | 19       |     |
| aftab.lepide@gmail.com         | INBOX Wy_Emails        | Success                    | 4        |     |
| aftab.lepide@gmail.com         | INBOX\Testing M        | Success                    | 0        |     |
| aftab.lepide@gmail.com         | Local                  | Success                    | 0        |     |
| aftab.lepide@gmail.com         | Local\Addross P        | Success                    | 1        |     |
| aftab.lepide@gmail.com         | Inf                    | ormation 🛛 💌               | 2        |     |
| aftab.lepide@gmail.com         |                        |                            | 0        |     |
| aftab.lepide@gmail.com         |                        |                            | 0        |     |
| aftab.lepide@gmail.com         | Process completed. Ple | ase save the report to CSV | 8        |     |
| aftab.lepide@gmail.com         |                        |                            | 0        |     |
| aftab.lepide@gmail.com         |                        |                            | 1        |     |
| aftab.lepide@gmail.com         |                        | ОК                         | 23       |     |
| aftab.lepide@gmail.com         |                        |                            | 0        |     |
|                                |                        |                            |          |     |
|                                |                        |                            |          |     |
|                                |                        |                            |          |     |
| 1                              |                        |                            |          |     |
| <b>`</b>                       |                        |                            |          | - 1 |
|                                |                        | Stop                       |          |     |
|                                |                        | otop                       |          |     |
| TICYIOUSIY IMIGIAICO IICIIIS ( | merementary            |                            |          |     |

**Step 7:** The backup process will get started and completed soon. Click OK. You can save the backup report to the CSV file format with the given option.

**Step 8:** After successful migration, a CSV report is generated and displayed.

| AutoSave 💽 C |              | irrap t                       | oackup.csv - Excel | Megha Sharma 🛛           | ፹ – □ ×  |
|--------------|--------------|-------------------------------|--------------------|--------------------------|----------|
| File Home    | e Insert Pag | ge Layout Formulas Data       | Review View He     | elp Acrobat 🔎 Tell r     | ne 🖻 🖓   |
| A1 ~         | : × 🗸        | <i>f</i> <sub>∗</sub> Mailbox |                    |                          | ~        |
|              | А            | В                             | С                  | D                        | E 🔺      |
| 1 Mailbox    |              | Folder                        | Status             | Item Count Error Details |          |
| 2            | @gmail.com   | Inbox\Applications            | Success            | 25                       |          |
| 3            | @gmail.com   | [Gmail]\Drafts                | Success            | 2                        |          |
| 4            | @gmail.com   | [Gmail]\Sent Mail             | Success            | 9                        |          |
| 5            |              |                               |                    |                          |          |
| 6            |              |                               |                    |                          |          |
| 7            |              |                               |                    |                          |          |
| 8            |              |                               |                    |                          |          |
| 9            |              |                               |                    |                          |          |
| 10           |              |                               |                    |                          |          |
| 11           |              |                               |                    |                          |          |
| 12           |              |                               |                    |                          |          |
| 13           |              |                               |                    |                          |          |
| 14           |              |                               |                    |                          |          |
| 15           |              |                               |                    |                          |          |
| 16           |              |                               |                    |                          | <b>T</b> |
|              | imap backup  | (+)                           | ÷ •                |                          | •        |
| Scroll Lock  |              |                               |                    |                          | + 100%   |

Hence, a single mailbox is successfully backed up from the Source (IMAP enabled Gmail account) to the PST file. Similarly, you can back up to other formats as well.