



Cryptainer LE User Guide

Product Version 17.2.2.0

WWW.CYPHERIX.COM

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Acknowledgements

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Introduction of Cryptainer LE

Cryptainer LE is a free encryption software developed by Cypherix Software India LLP. Cypherix products are designed to hide the complexities of encryption to give users ease of use and flexibility.

Cryptainer LE creates password protected encrypted virtual drive. This Cryptainer Drive is a file when mounted using the Cryptainer interface with user given password, it appears to Windows as a Disk. This drive can hide all types of files or folders and encrypt automatically.

Cryptainer LE encrypts confidential data on any Windows PC, Hard Disk, any removable USB drive, or memory stick. Cryptainer LE is simple easy to use software that creates encrypted vaults/volume/drive to store any kind of data., files, folders, or e-mails.

What is Encryption

Encryption is the method by which information is converted into secret code that hides the information's true meaning. Data security is important to prevent unwanted access to the Data.

Encrypted data is also known as plaintext and encrypted data is called ciphertext. The formulas used to encode and decode the messages are called encryption algorithms or ciphers.

The most widely used types of ciphers fall into two categories:

- Symmetric
- Asymmetric

Symmetric ciphers use a single key. The most widely used symmetric key cipher is Advanced Encryption Standard (AES).

Asymmetric ciphers are also known as public key encryption. The Rivest Shamir Adleman (RSA) is the most used public key algorithm.

Benefits of Cryptainer LE

- Create an encrypted volume/drive/vault to store any type of data.
- Use 448-bit strong encryption.
- Works on all 32-bit/64-bit versions of Windows.
- Simple and easy drag-drop operations.
- Sends secure emails.
- Free and never expires, no nag screens.

Capacity of Cryptainer LE

Cryptainer LE is 448-bit encryption, and it creates password protected 100 MB encrypted drive/vaults on your hard disk or removable media.

This allows flexibility to store and port data on removable media like Zip disk, Tape drives, any External drive Flash disk, USB drives, Pen drives.

Technology Used in Cryptainer LE

Cryptainer LE is an **on the fly** encryption system. Stored encrypted data is decrypted on the fly when requested.

Cryptainer LE uses **448-bit implementation of Blowfish** and a **256-bit implementation of AES** encryption algorithms.

System Requirements

Cryptainer LE works on Intel/AMD/Cyrix/other compatible platforms and all versions of MS Windows, 32-bit/64-bit.

Minimum system Requirements: X486 with 8 MB RAM running Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10, Windows 11

Recommended System Requirements: X586 systems or better with 32 MB RAM running Windows XP, Windows 7, Windows 8, Windows 10, Windows 11.

Table 1: Technical Specifications of Cryptainer LE

Technical Feature	Specification
Size of Encrypted Volume	100 MB
Additional Number of Volumes created	Unlimited
Password length	Up to 100 Characters
Encryption Strength	448-bit Blowfish or 256-bit AES
Decrypt attachments	Yes
Different Volumes can have different password for different users	Yes
Possible to send encrypted e-mail	yes

Features of Cryptainer LE

Cryptainer LE is simple, easy to use encryption software that creates a virtual drive to keep encrypted data which is password protected.

Key Features of Cryptainer LE are as follows:

- Cryptainer LE is very **easy to use**, users don't need any training to use it.
- Cryptainer LE **works with all 32-bit as well as 64-bit versions of Windows** (Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10, Windows 11).
- Cryptainer LE offers a choice between a **448-bit Implementation of Blowfish and A 256-Bit Implementation of AES**.
- Cryptainer LE can be installed directly on a USB/removable drive. One can carry this installation of Cryptainer to different machines without having to install Cryptainer on the host machine.
- Cryptainer LE **Creates a volume/vault/drive of up to 100 MB** that can be accessed with a password, Once mounted, the Cryptainer drive is just like any other drive you normally work with.
- Once vault is created you can simply **drag and drop** files/folder you want to protect, and it will be encrypted.
- Cryptainer LE **works with all known file types**.
- Cryptainer LE allows you to **send secure encrypted email files**.
- The recipient need not even have a copy of Cryptainer LE installed to decipher the files.
- Cryptainer LE **never expires**. No Nag screens

Comparison with Other Cypherix Products

Comparing Cryptainer LE with other Cypherix Products:

Table 2: Cypherix Encryption Product Comparison

	Cryptainer LE	Cryptainer Personal	Cryptainer Pro	Cryptainer Enterprise
Size of the encrypted data vault	100 MB	32,000 MB (32 GB)	10240 GB (10 Terabytes)	10240 GB (10 Terabytes)
Number of vaults it can create	Unlimited	Unlimited	Unlimited	Unlimited
Price	Free	US \$ 45.00	US \$ 69.95	US \$ 139.90
Ability to mount this encrypted volume as virtual disk	Yes	Yes	Yes	Yes
Encrypted strength	448-bit Blowfish or AES at 256-bit	448-bit Blowfish or AES at 256-bit	448-bit Blowfish or AES at 256-bit	448-bit Blowfish or AES at 256-bit
Ability to encrypt	Yes	Yes	Yes	Yes
Ability to decrypt	Yes	Yes	Yes	Yes
Support	Limited	Support via e-mail	Support via e-mail	Support via e-mail

Getting Started with Cryptainer LE

Check system requirements to download Cryptainer LE.

Downloading

You can download Cryptainer LE for free from Cypherix website. To download Cryptainer LE for free Click the link [Download Cryptainer Lite Free Encryption Software \(cypherix.com\)](https://www.cypherix.com/cryptainer-le-download-center.html) and follow the instructions.

1. Click at the link [Download Cryptainer Lite Free Encryption Software \(cypherix.com\)](https://www.cypherix.com/cryptainer-le-download-center.html). It will take you to Cryptainer LE Download Center.

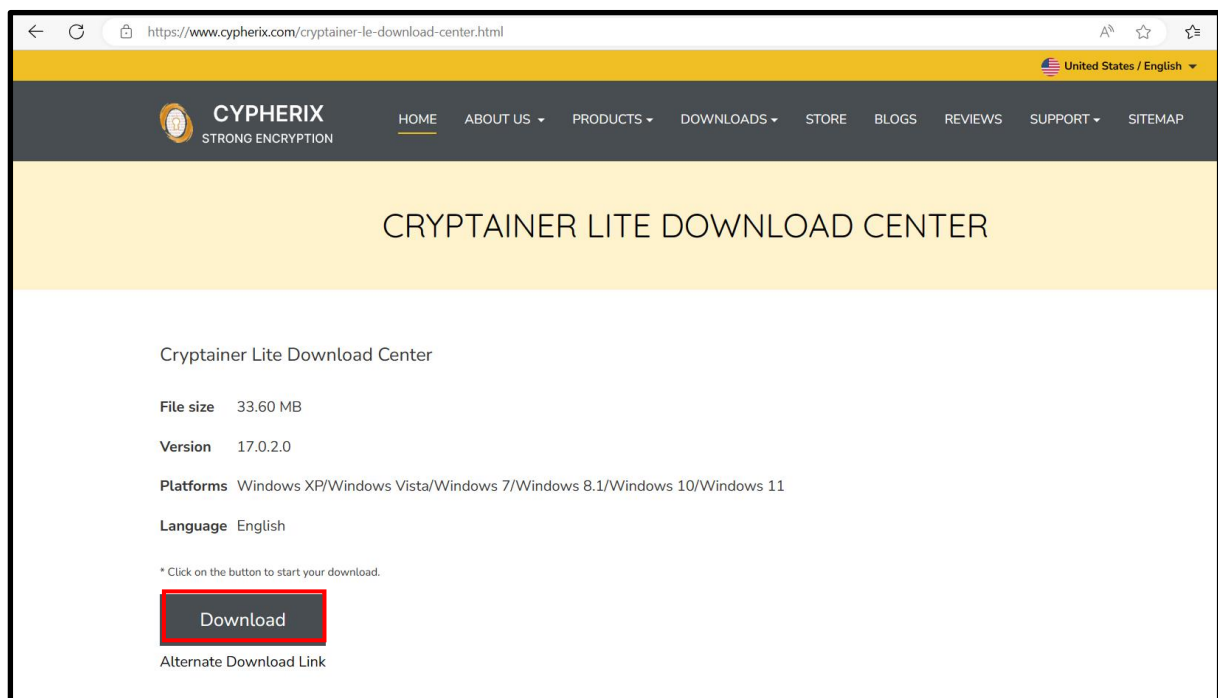


Figure 1: Cryptainer Lite Download Center

2. Click the button **Download**. It will download the setup file.



Figure 2: Download File

3. Save the setup file.

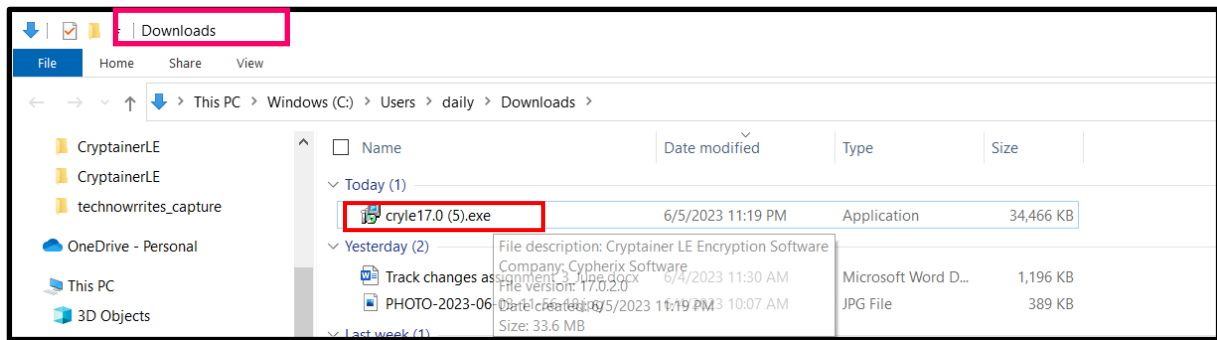


Figure 3: Saving Set up File

Downloading setup file is complete.

Installing

You can choose a destination folder for Cryptainer LE or Create a desktop shortcut and a start menu folder.

Follow the steps to install Cryptainer LE.

1. Download Cryptainer LE, refer **Downloading**.
2. Go to the **File Explorer** where you saved Cryptainer LE **setup file**.
3. Run the **setup file** and follow the instructions on the screen.
4. A user account dialogue Box will open asking this app to make changes to your device.
5. Click **Yes**.
6. Cryptainer LE setup Wizard Screen will open. Click **Next** to continue.



Figure 4: Cryptainer LE Wizard Screen

The **Cryptainer LE License agreement** screen will open.

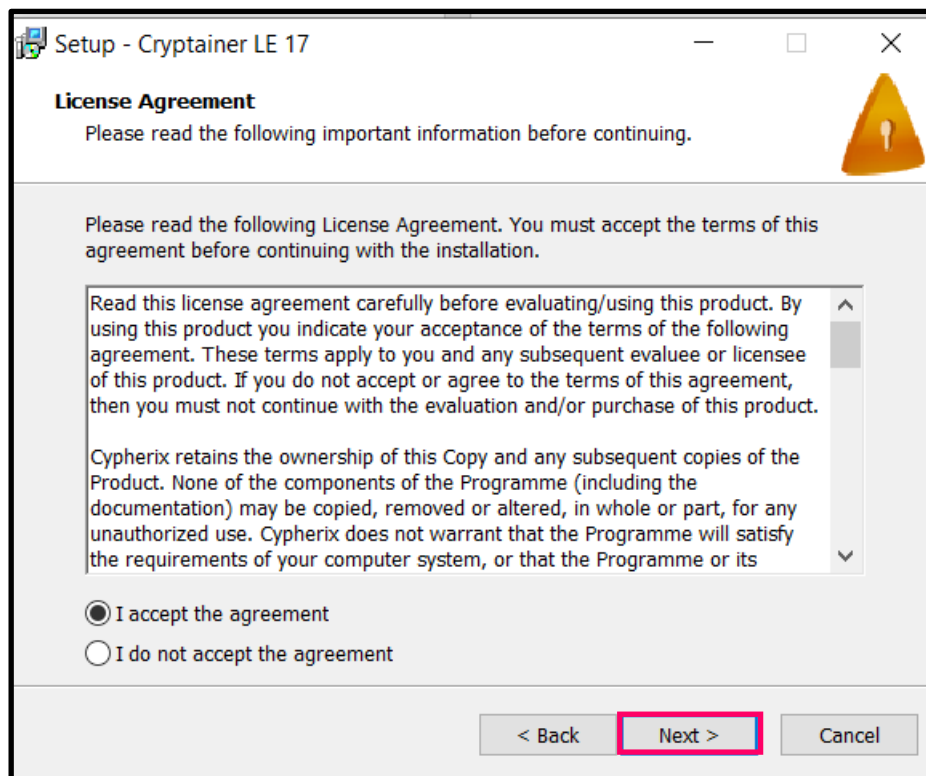


Figure 5: Cryptainer LE License agreement

7. Read through the **License Agreement** and choose the radio button to accept the agreement.
8. Click **Next**.

It will open the **Select Destination Directory** screen.

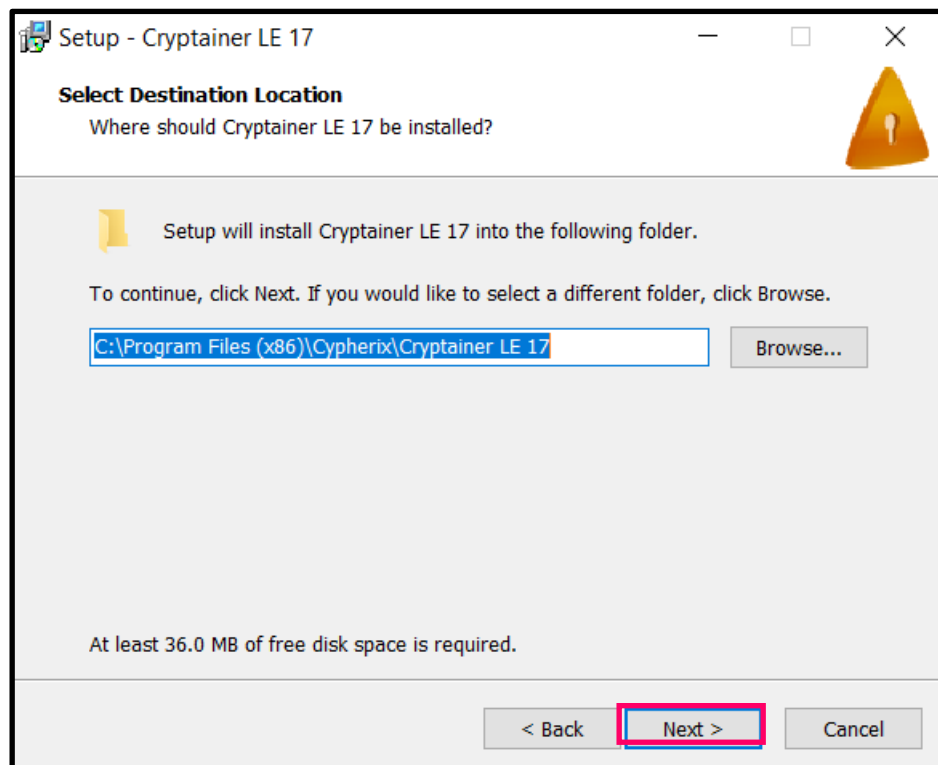


Figure 6: Select Destination Directory

9. Select the location where you want Cryptainer LE installed.
10. Click **Next** to continue

It will open the **Select Start Menu Folder**.

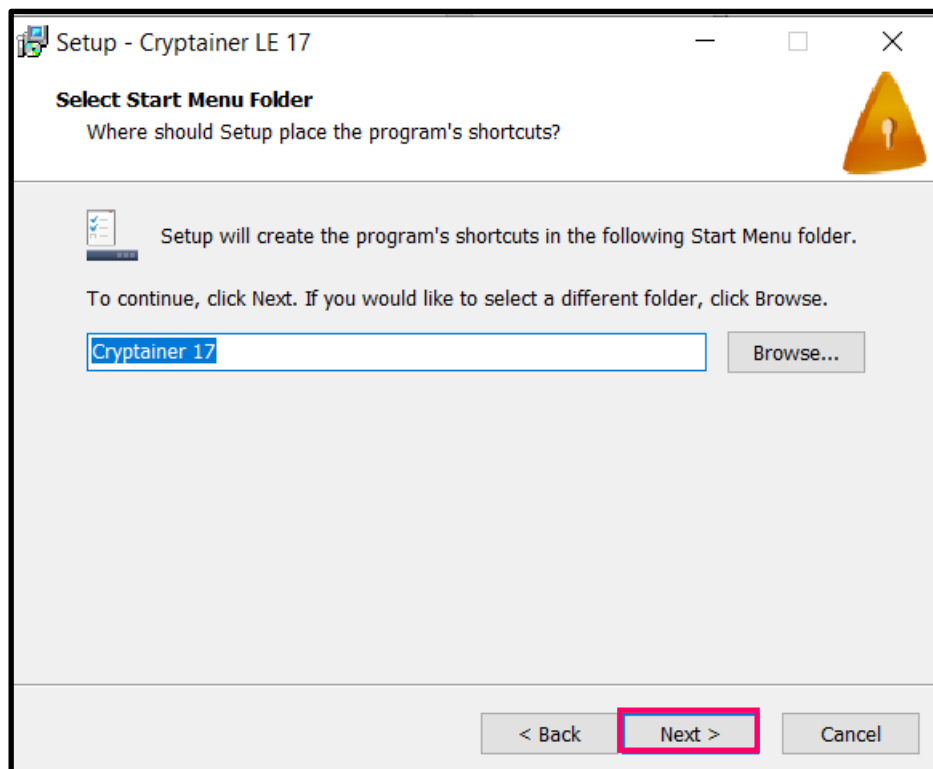


Figure 7: Select Start Menu Folder

11. **Browse** and select a location for Cryptainer LE shortcuts and start menu folder.
12. Click **Next**.

Next Screen will give the summary of previously selected options by you.

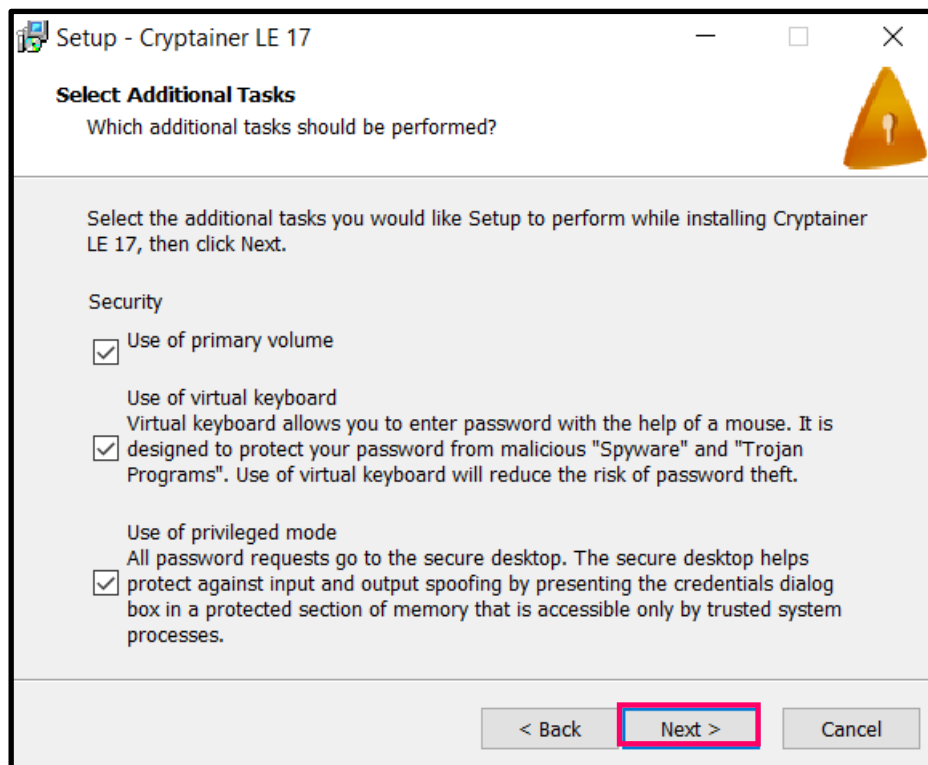


Figure 8: Summary Screen



Figure 9: Ready to Install Screen

13. Click **Install**.

Note: In case you wish to change click **Back** and change options.

The installation process will start.

Recommendation to restart your computer will be prompted. Select the radio button, saying **Yes, restart the computer now**. It is strongly recommended that you do not postpone this operation.

Note: It is recommended to restart even on the Windows XP and Windows 2000 machines



Figure 10: Finishing Installation Screen

14. Click **Finish** to complete the installation process.

Installation is complete.

How to Run Cryptainer LE

Type in the search box and open Cryptainer LE.

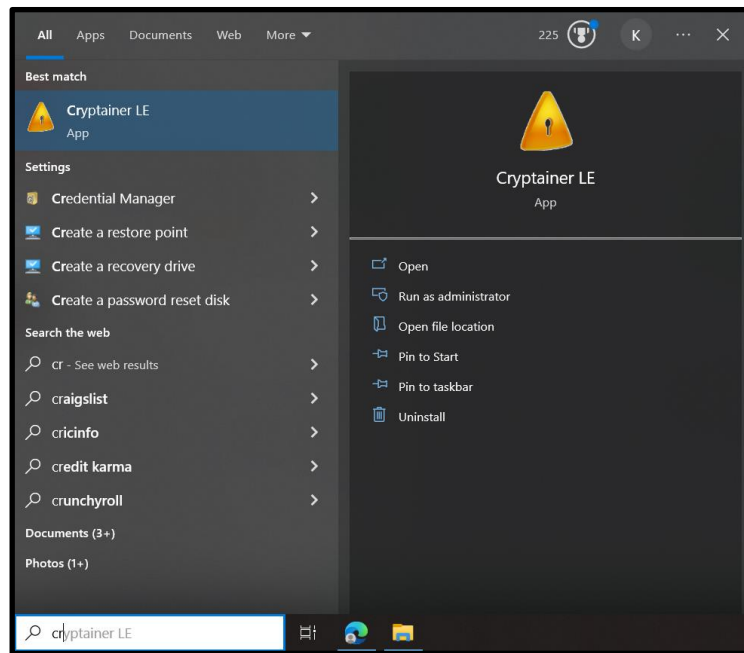


Figure 11: Running Cryptainer

Uninstalling

To uninstall **Cryptainer LE**, follow the steps.

1. Go to the **Control Panel**

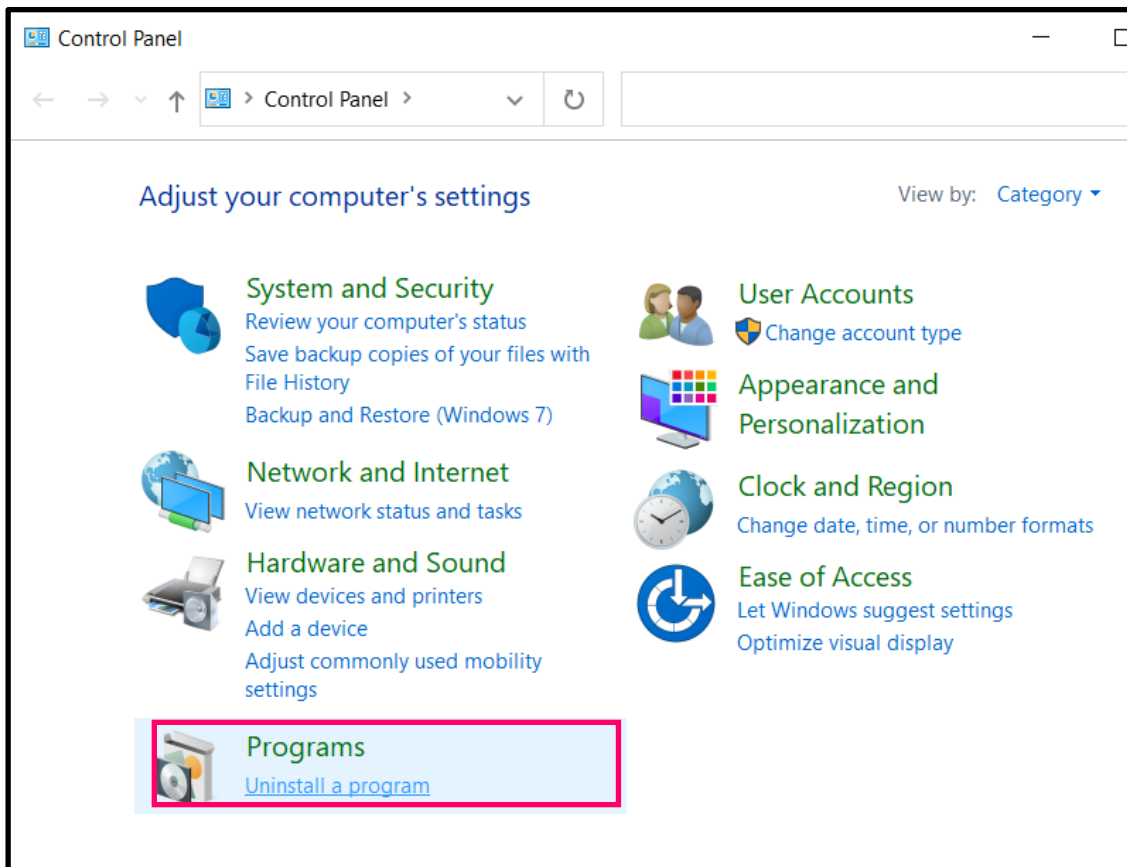


Figure 12: Control Panel showing Uninstall a Program

2. Go to **Programs** and click on **Uninstall a Program**.
3. Find **Cryptainer LE** in the list of programs and click on **Uninstall**.

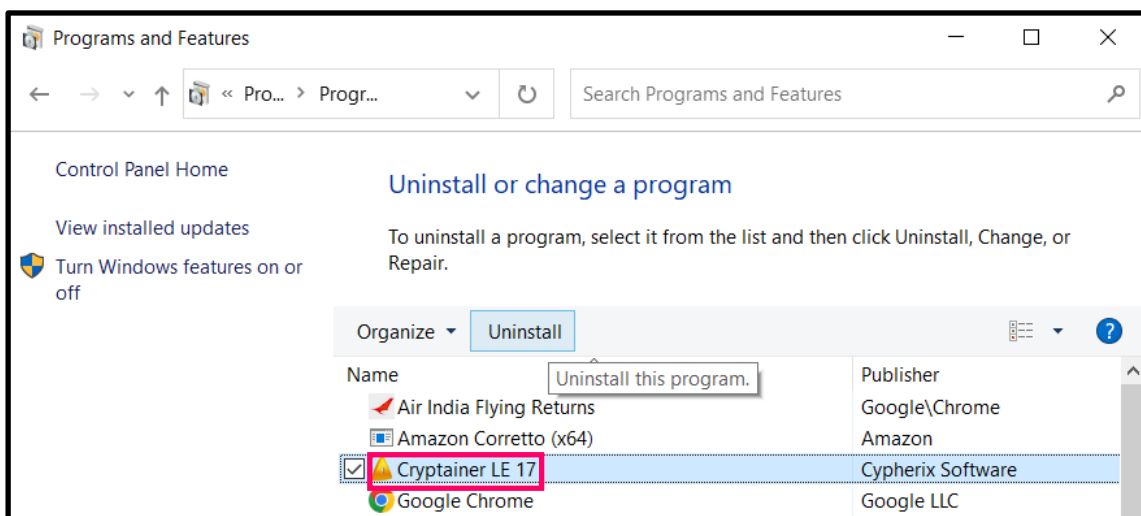


Figure 13: Programs and Features Showing Cryptainer LE 17

It will ask you to confirm uninstallation.

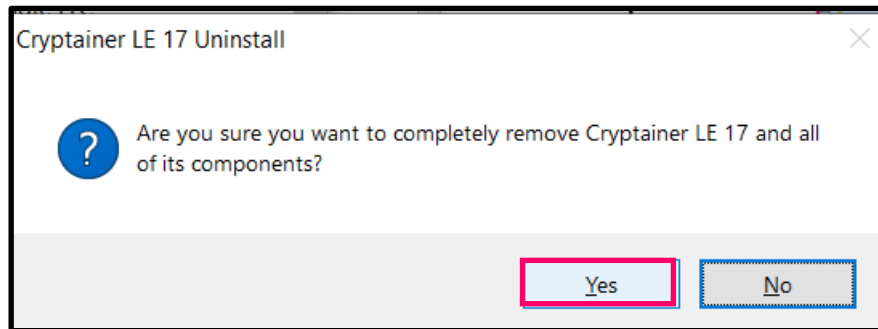


Figure 14: Confirmation Screen to Uninstall

4. Click **Yes** to uninstall.

To remove Cryptainer LE Completely from your machine, you will also need to delete the **Volume File** that you have created. The volume file is a file that contains all your encrypted data. It behaves like a regular Windows drive only when you load it through Cryptainer LE. Once you unload it, it is like any other file or folder on your system you can delete the volume file like you delete any other file.

By default, Cryptainer LE creates a volume file in the ...**\systems32\cxl17xxdirectory**. You can find and **Delete** this file using **Windows Explorer**.

For any queries contact: support@cypherix.com

Working with Cryptainer LE

Cryptainer LE is user friendly to work. You can create, format, load, unload, back up Volume/Vaults/Drive. You can encrypt, decrypt file and attach file with email.

Creating Volume

You will be asked to specify details when you run Cryptainer LE for the first time. Follow the process to create volume.

1. Run Cryptainer LE.

When you run Cryptainer LE for the first time, it will open **Cryptainer LE User Interface**.

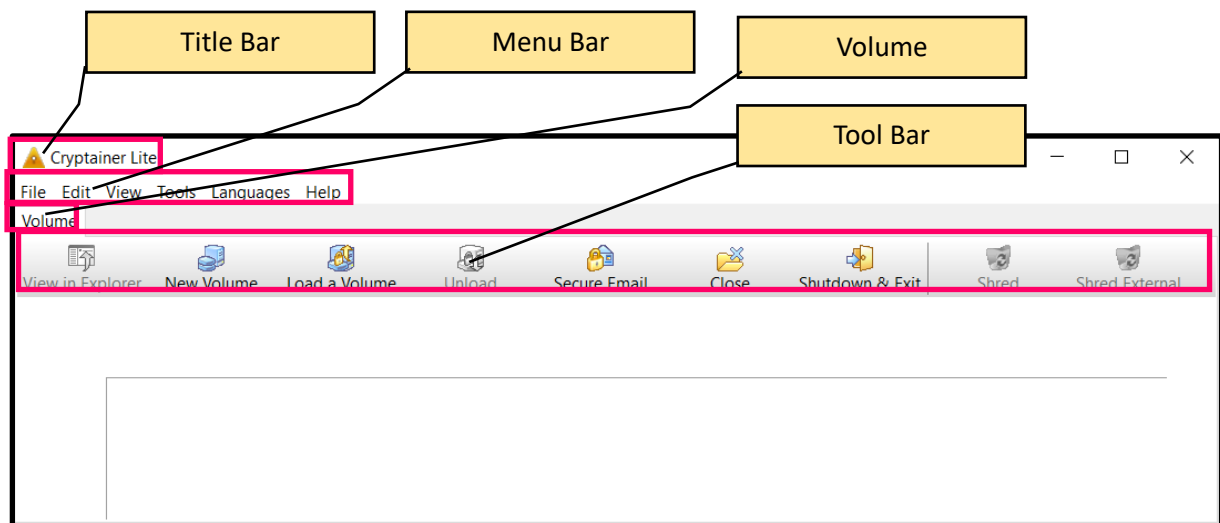


Figure 15:Cryptainer LE User Interface

2. Click on **New Volume** button.

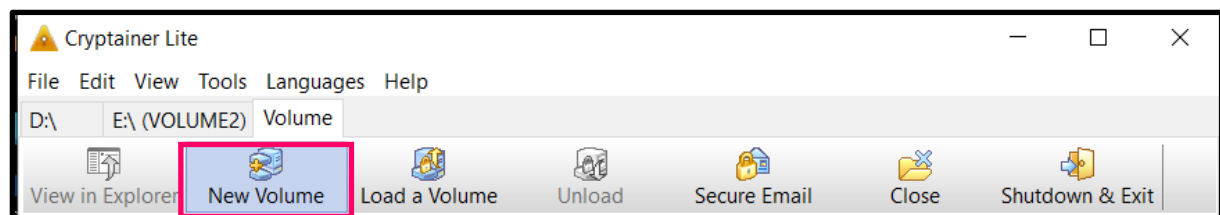


Figure 16: New Volume Button

It opens **Creating a Cypherix Encrypted Volume** Window.



Figure 17: Creating a Cypherix Encrypted Volume

1. Read it carefully and click on the **Next**
Volume Size and Label screen will open.

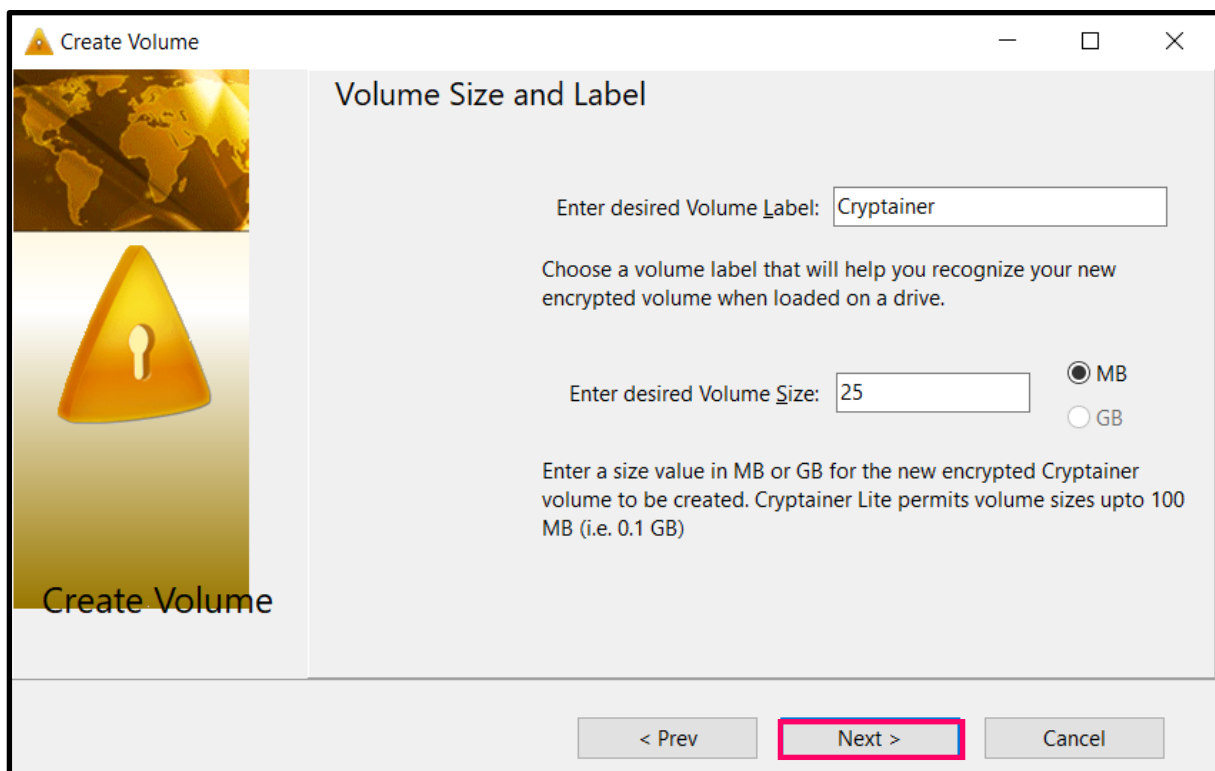


Figure 18: Volume Size and Label

2. Choose desired volume label/name and size.
3. Click **Next**.

Note: Cryptainer LE permits volume size up to 100 MB.

Volume File Name and Location screen will open.

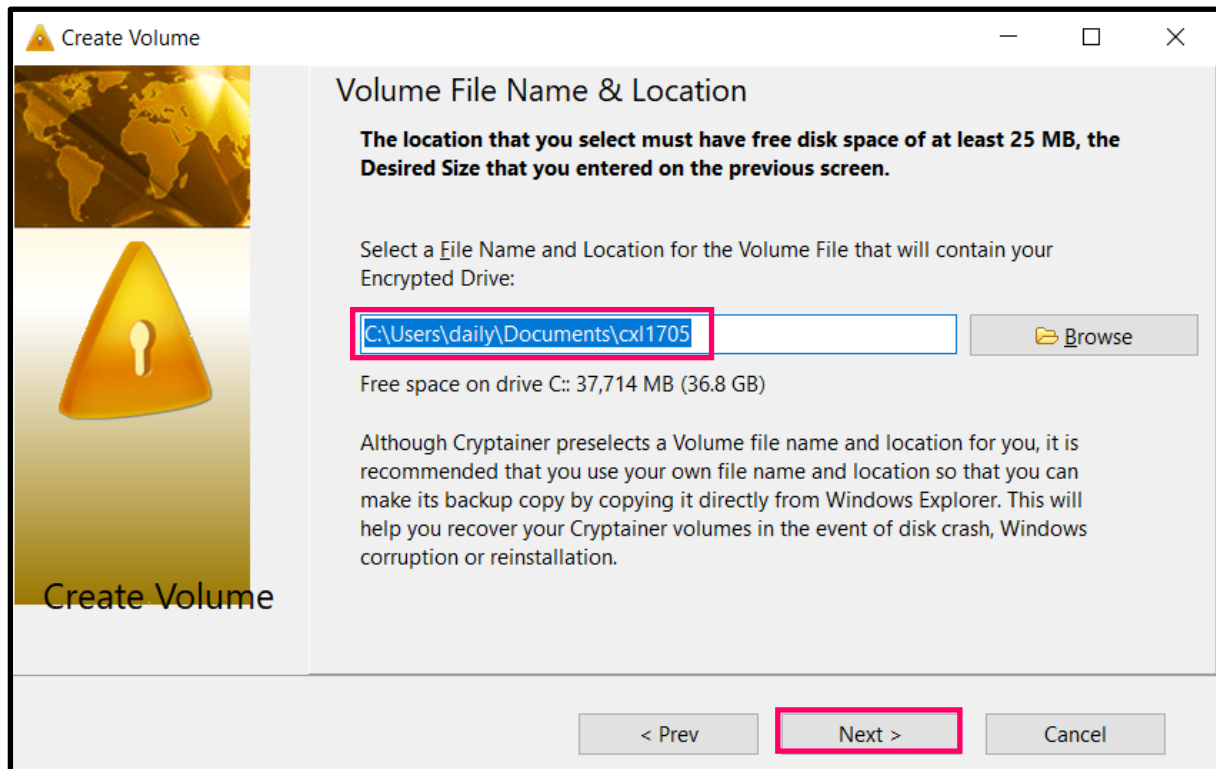


Figure 19: Volume File Name and Location Screen

4. Either keep default location or **Browse** to choose location to keep Volume File.

It will open **Volume Password and Encryption Algorithm** screen. Description of the fields in the screen are given below.

Table 3: Fields and Description

Field	Description
Password	In this field, you need to choose a password that is easy to remember yet difficult to guess. You can check password quality meter.
Verify Password	In this field, you will need to reenter password to verify it
Password Quality Meter	This field is to check strength of password.
Encryption Algorithm	This field gives you dropdown list of algorithms to choose from.

5. Enter password in **Password** field.

Information tip will popup if password is too short.

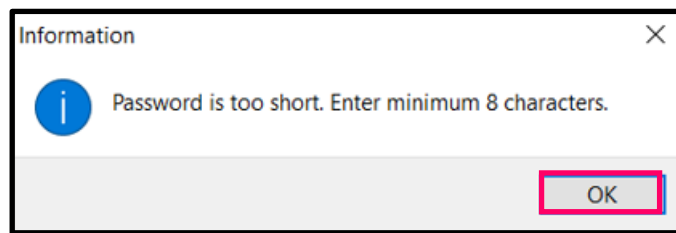


Figure 20: Information Tip

6. Password should be minimum 8 and maximum up to 100 characters in length.
7. Reenter password to verify in **Verify Password** field.
8. Select encryption algorithm from dropdown list of **Encryption Algorithm** field.

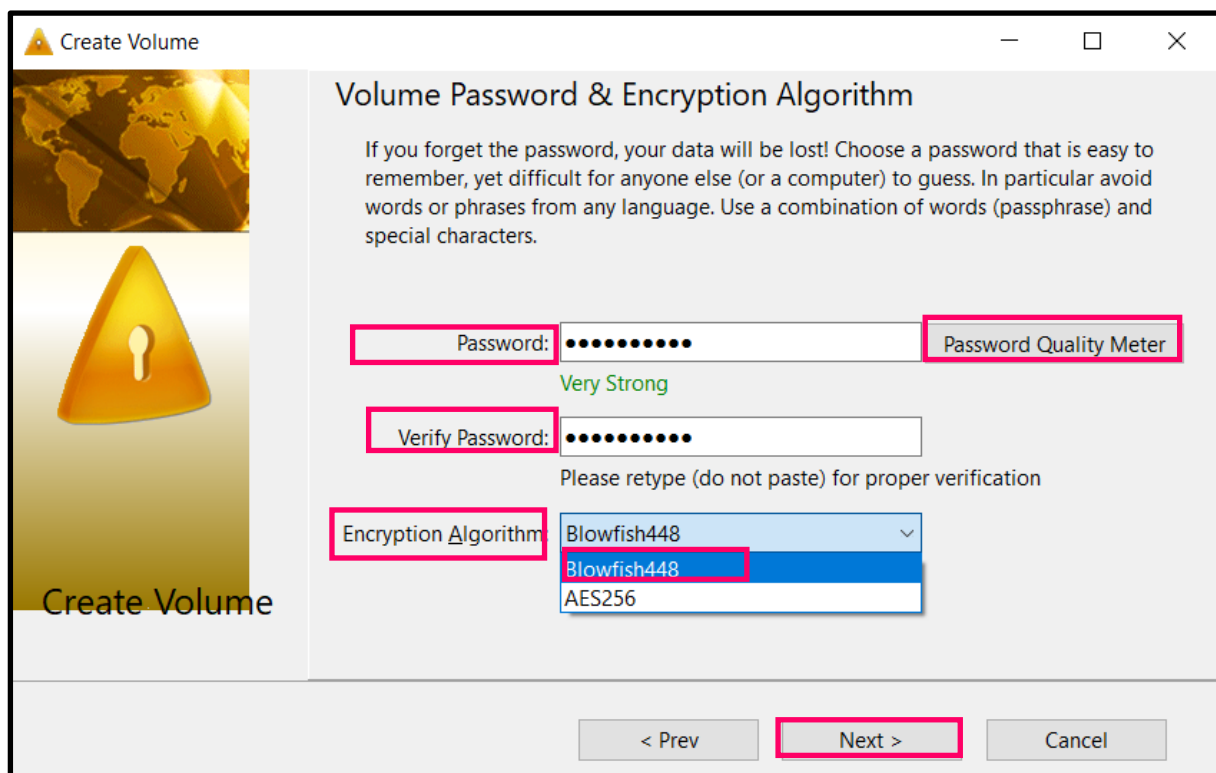


Figure 21: Volume Password and Encryption Algorithm screen

9. Password should be minimum 8 and maximum 100 characters in length.
10. Reenter password to verify in **Verify Password** field.
11. Select encryption algorithm from dropdown list of **Encryption Algorithm** field.

Volume Format Dialogue Box will open. It has two radio options; one is do not format the new volume now and second is FAT file Format system.

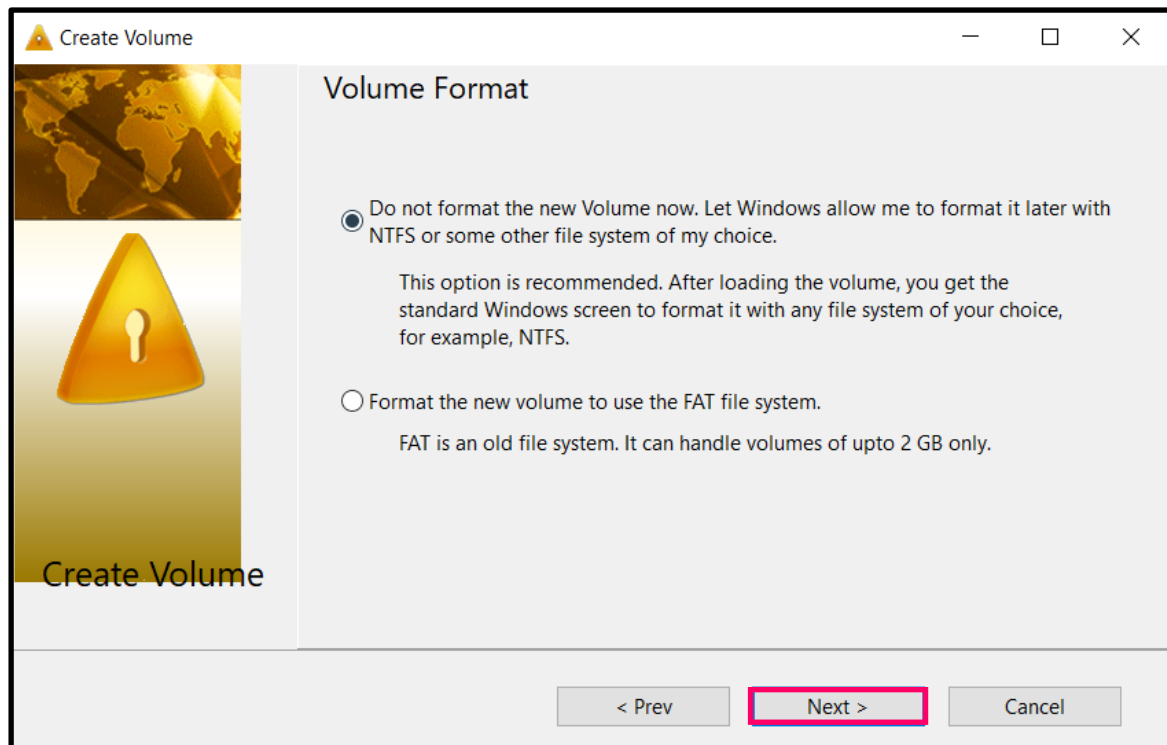


Figure 22: Volume Format Screen

Next screen **Ready to create the encrypted Volume** will show the summary of your entries.

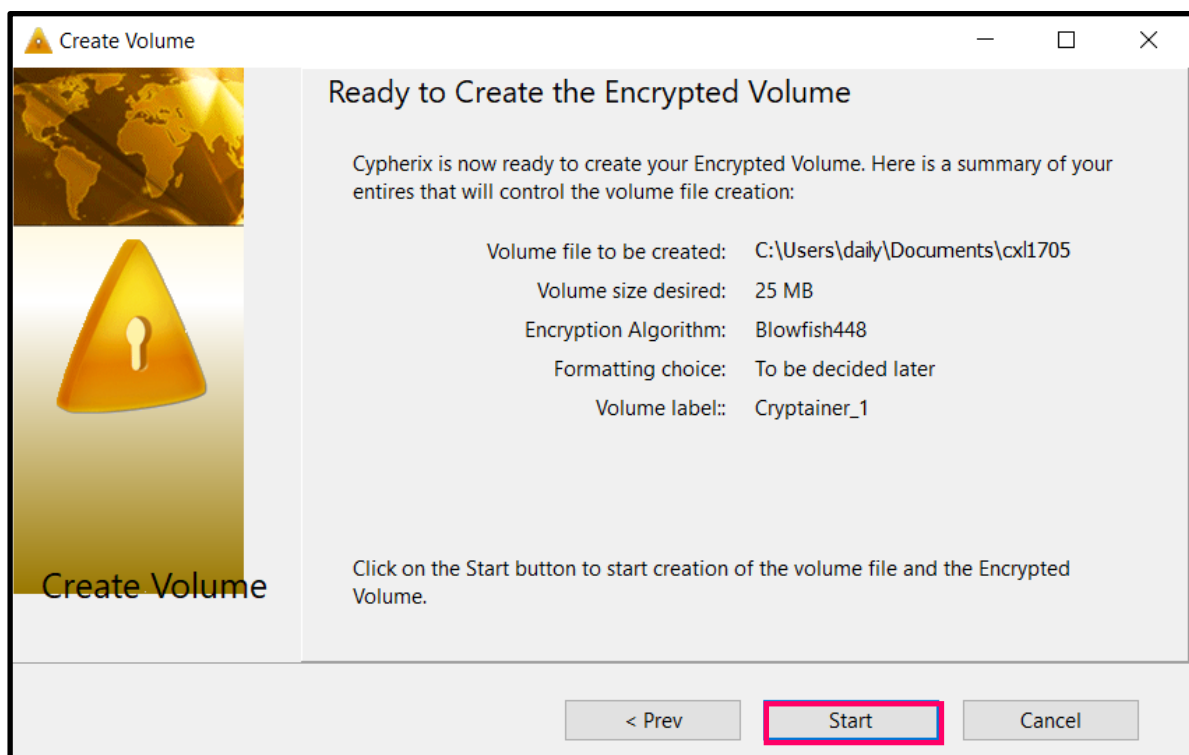


Figure 23: Ready to Create Encrypted Volume Summary Screen

12. Check the summary of your entries and click **Start**.

It opens the Information Popup screen which tells you the formatting you selected.

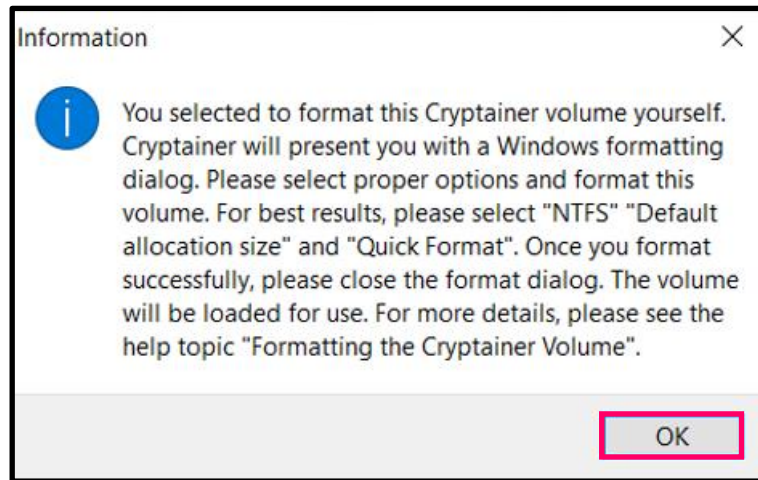


Figure 24: Formatting Information Pop up Screen

13. Read it carefully and Click **Ok**

Next screen will ask you to format removable disk it created.

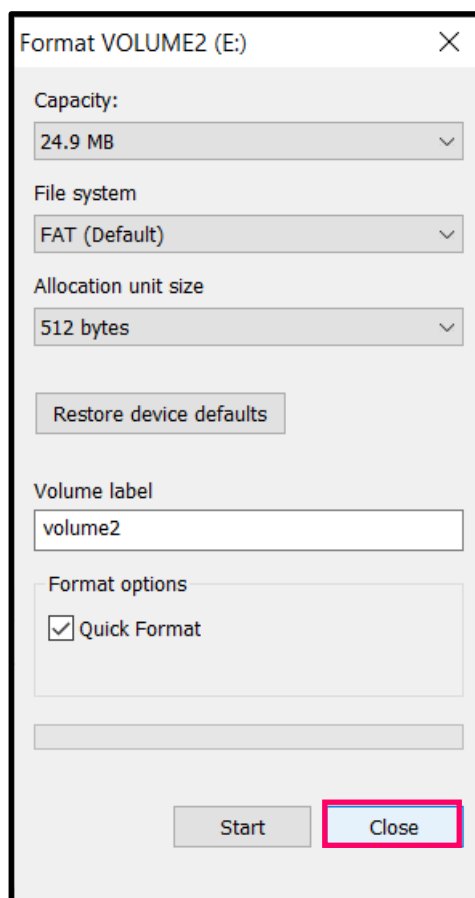


Figure 25: Format Removable Screen Disk Screen

14. Choose Capacity, file system, allocation unit size and volume name.

15. Click **Start**

A Warning for **Format Removable Disk** will appear.

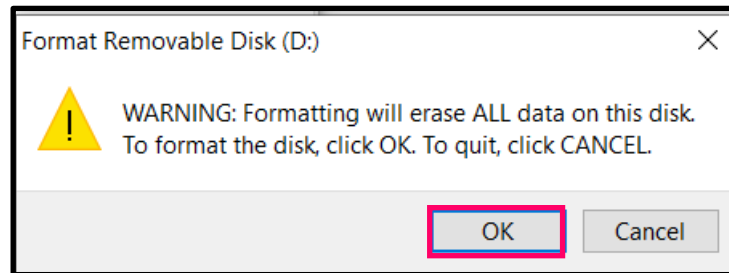


Figure 26: Format Removable Disk

16. To quit, click **Cancel**, to Format Removable Disk Click **OK**

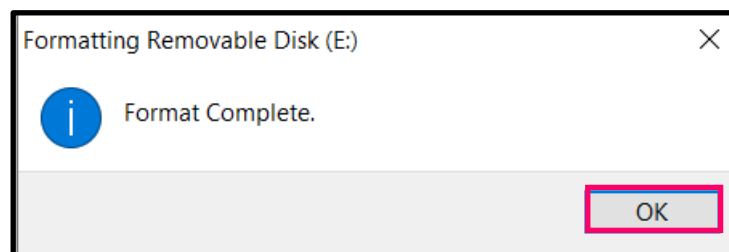


Figure 27: Format Complete Screen

17. Formatting is complete. Click **OK**.

18. Removable Disk drive (D:) is created.

An information screen will pop up to remind you to note down and remember the name of Cryptainer Volume file.

19. Click ok.

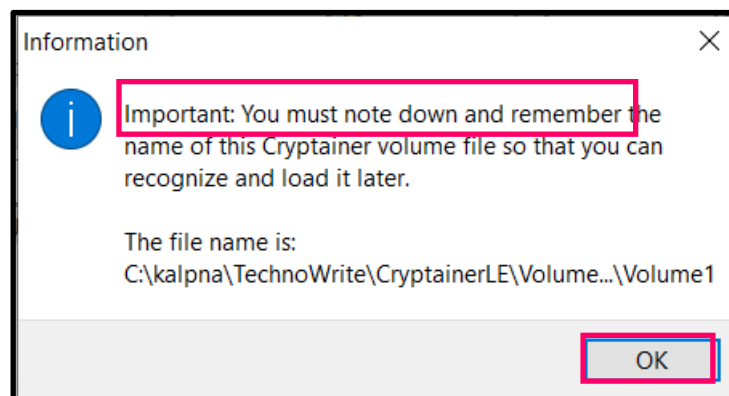


Figure 28: Information to Remind

It shows you the volume in Cryptainer LE User Interface.

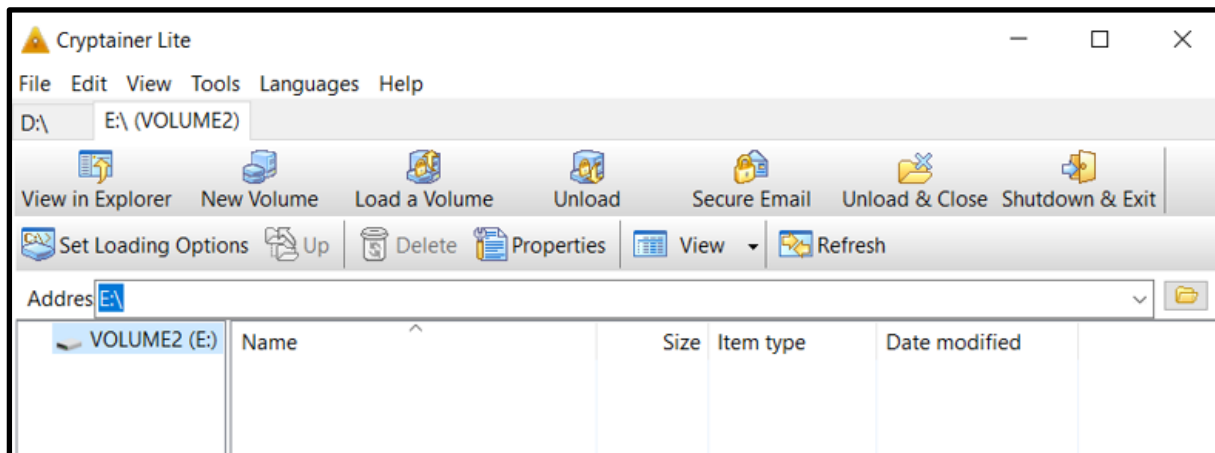


Figure 29: Volume in Cryptainer LE User Interface

You can also see Volume in File Explorer too.

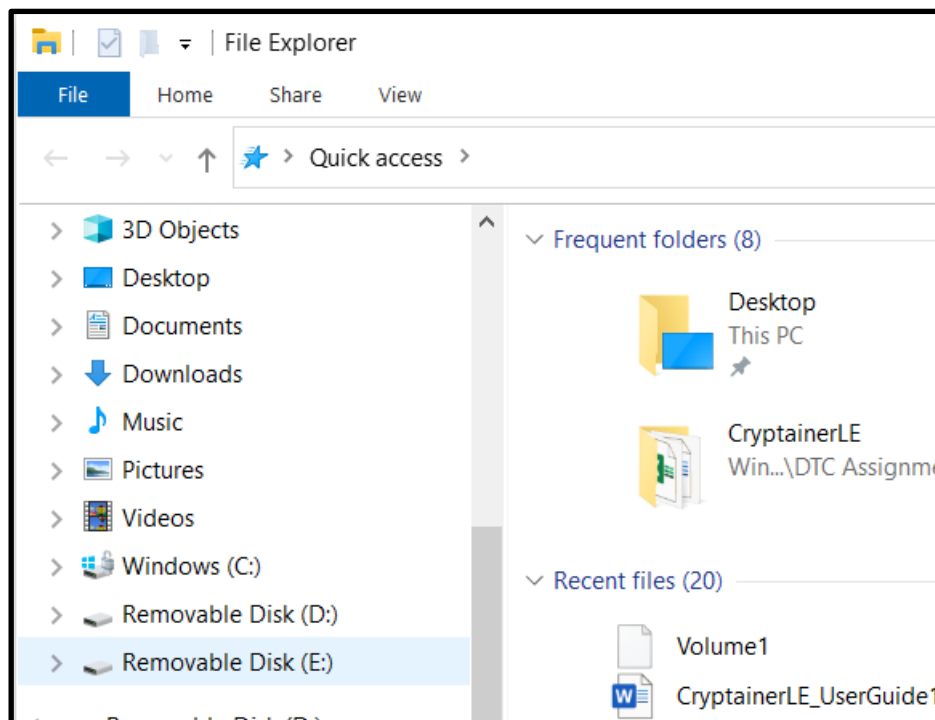


Figure 30: Volume in File Explorer

Loading the Volume

To load the Cryptainer LE volume, follow the instructions.

1. Make sure that no application is using files on the Cryptainer LE.
2. Open Cryptainer LE Application.
3. Click on **Load a Volume** button on the Cryptainer LE menu.

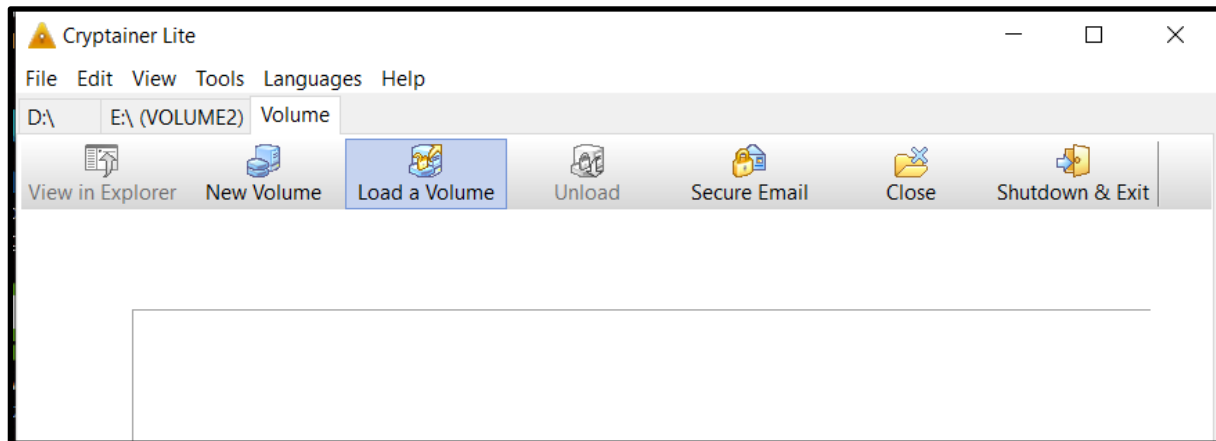


Figure 31: Screen Showing Load a Volume Button

It will ask for the password for Cryptainer Volume.

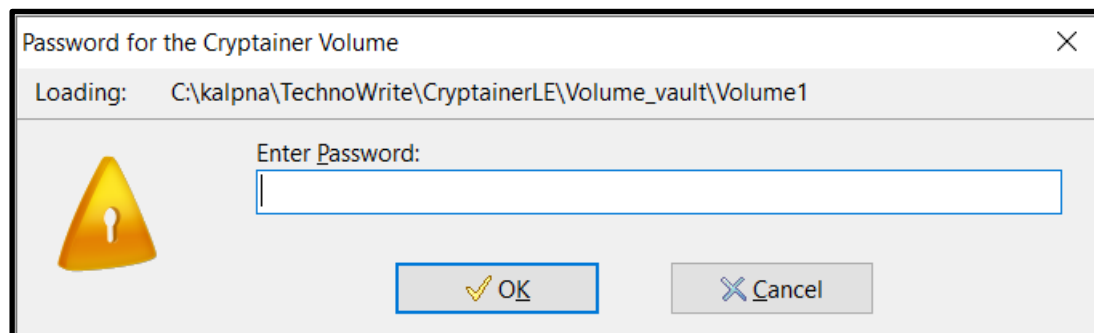


Figure 32: Password for the Cryptainer Volume

20. Type password and Click Ok.

It will open Windows Explorer like Cryptainer interface with a list of your files and folder.

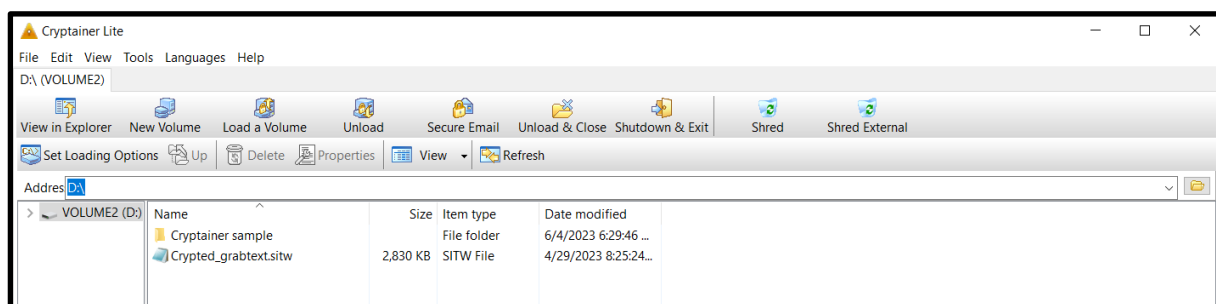


Figure 33: Volume with List of Files and Folders

Opening File in Volume

Cryptainer Volume works just like any other windows drive. To open a file, you will need to load the volume where the file is located then follow the steps.

1. Select file or Enter file name to open.
2. Click **Open**.

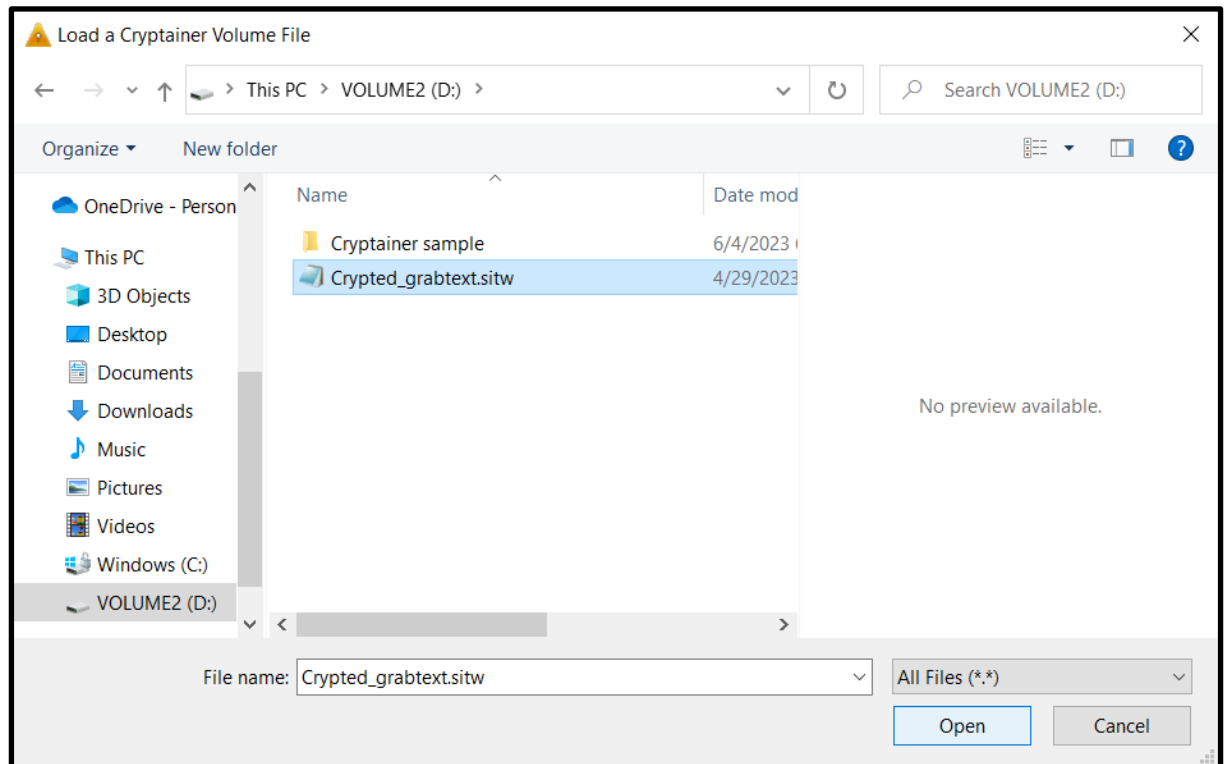


Figure 34: Opening File in Cryptainer LE Volume

Viewing Volume in Windows Explorer

You can View Cryptainer LE volume in Windows Explorer. To view the Volume in Windows Explorer, follow the steps.

1. Click on View in Explorer.

It will open a Windows Explorer window showing only Cryptainer LE volume.

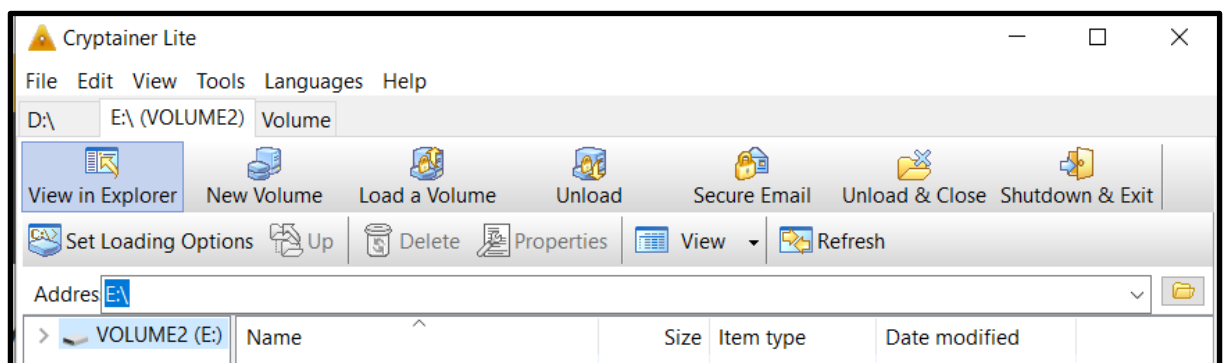


Figure 35: Cryptainer Volume in Windows Explorer

Unloading the Cryptainer Volume

Double clicking on the Cryptainer Icon will open it. To protect encrypted data, unload the Volume. To unload click on the **Unload** button.

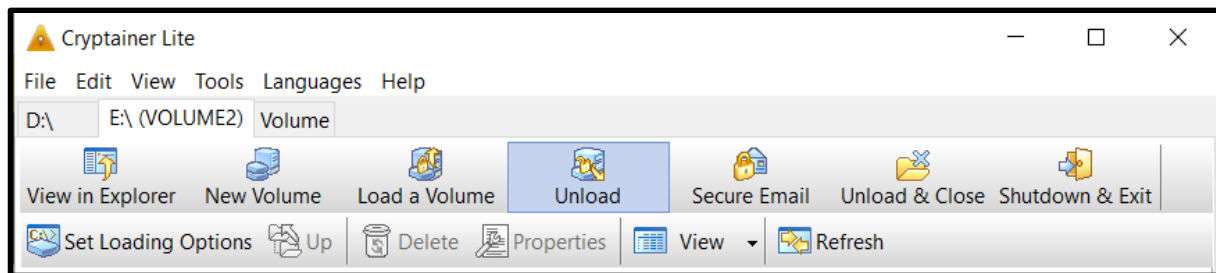


Figure 36: Cryptainer Menu showing Unload Button

Working with File

You can encrypt, decrypt, or attach a file to email.

You can send secure email in the following ways.

1. Stand-alone Files, self-executables, .exe files: Recipient will not need to download Cryptainer LE, only the password is needed to decrypt it.
2. SIT files: Most Virus scanners delete most of executable files automatically. It is recommended to use .sit files. The recipient will need to download the free utility DecypherIT to decrypt encrypted files.

DecypherIT can be downloaded from: <https://www.cypherix.com/cryptainer-le-download-center.htm>

Encrypting a File to Attach with Email

Follow the steps to encrypt a file to attach with email.

1. Open Cryptainer LE app.
2. Click on **Secure Email** button.

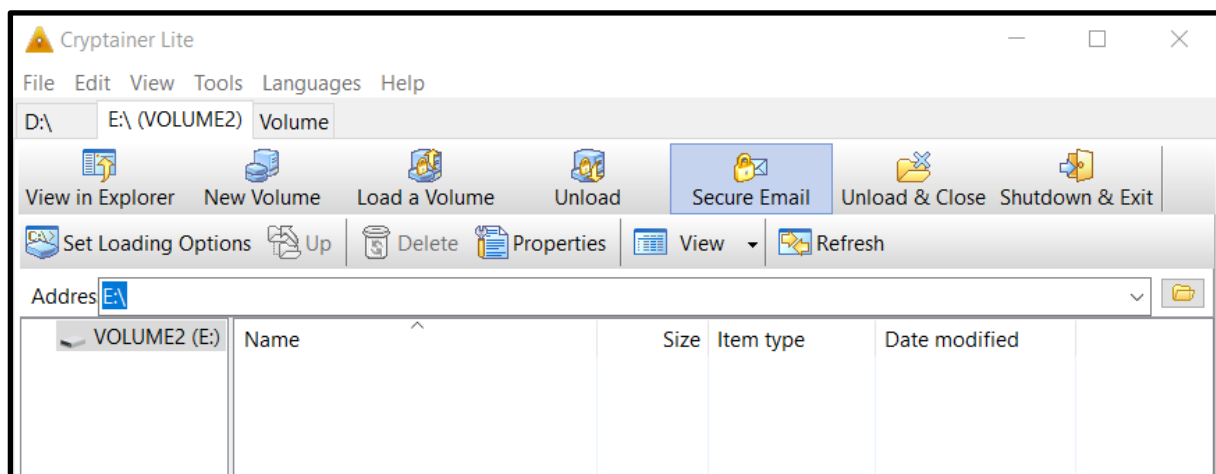


Figure 37: Showing Secure Send Button

It opens a drop-down list.

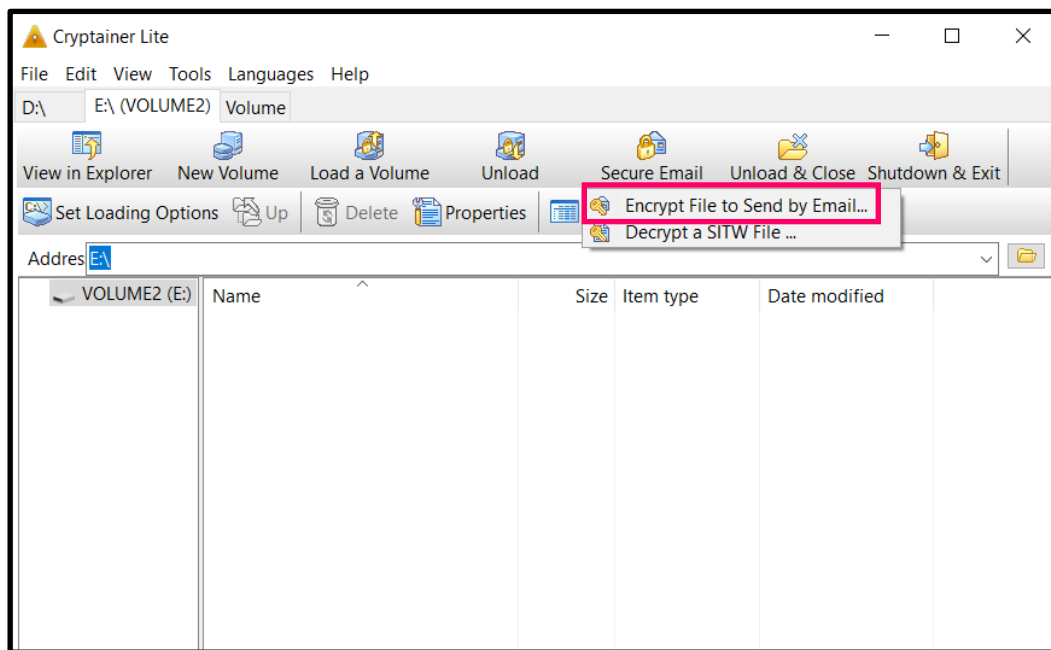


Figure 38: Encrypting a File to Send by Email

3. Choose Encrypt File to send via email.

It opens a Select a file to encrypt window.

4. Select a file to encrypt and Click **Open**.

It will open a Password for Encryption window.



Figure 39: Password for encrypting File

This Screen has the following Fields.

Table 4: Description of Fields in Password for Encrypting a File Screen

Field	Description
Password	This field is for password.
Reenter Password	This field is to reenter password to verify.
Password Hint (Riddle)	This field is for password hint or riddle to help you remember the password.
Compression	This field gives the compression options.

You will need to enter a password to encrypt a file.

5. Enter a **Password**, check password quality meter for good password strength.
6. **Reenter Password** to verify password.
7. Give **Password Hint (riddle)**.
8. Choose **Compression** option for file.
9. Click **Next**.

It opens next screen **Target File Name and Location**.



Figure 40: Target File Name and Location Screen

10. Browse and select the encrypted file name and location.
11. Select the check boxes to add to the file.
12. Click **Next**.

File will be encrypted. You can attach this with email and send. The receiver will need the password to decrypt the file.

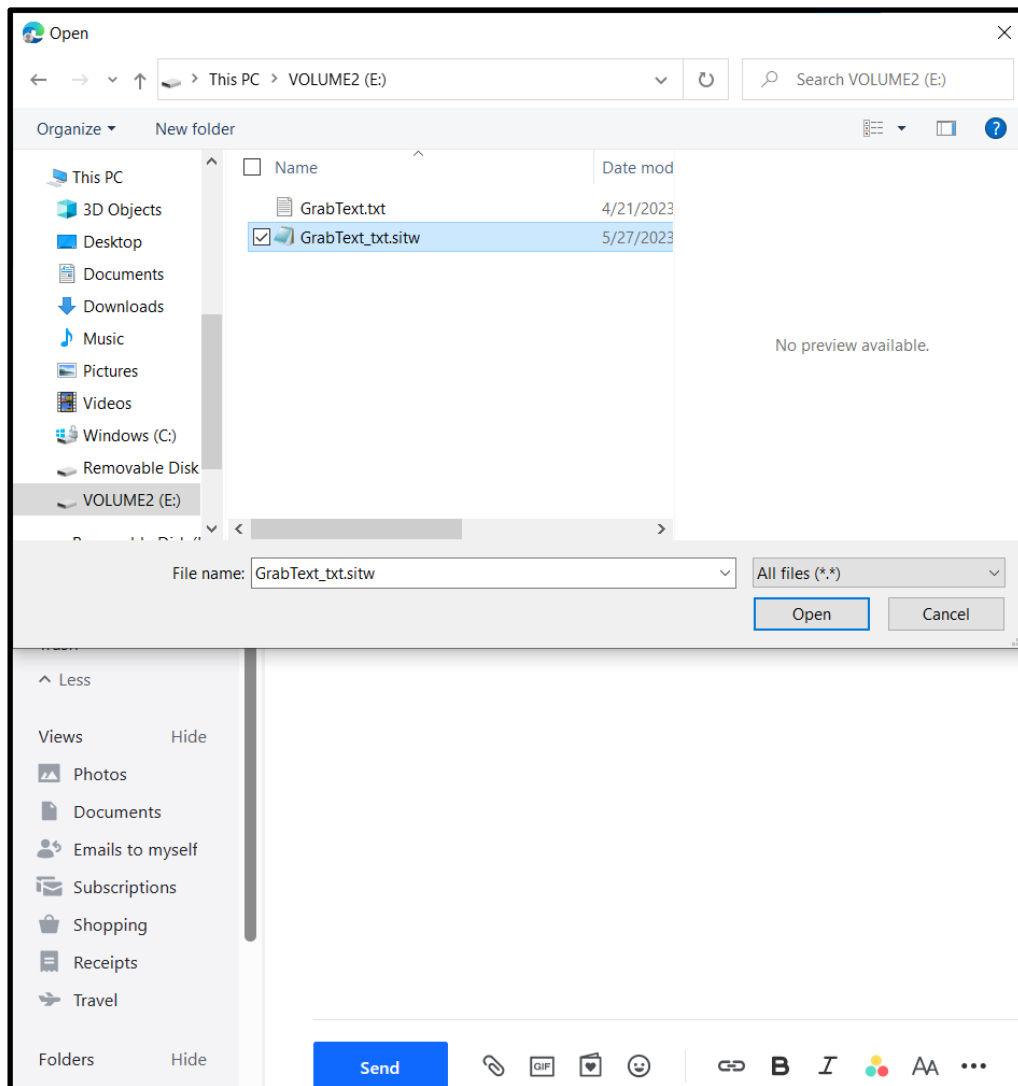


Figure 41: Selecting Encrypted File to Attach

Deleting a File

You can delete a file like any regular file by right clicking on it and choosing delete option or by using **Shred** button on **Tool** bar.

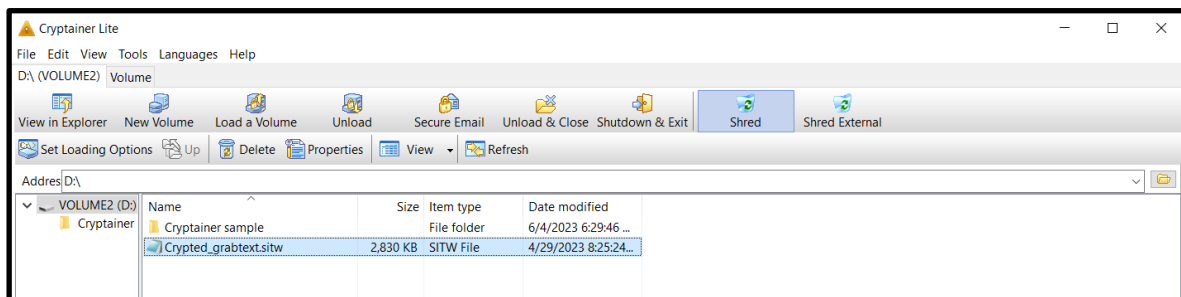


Figure 42: Deleting a File Using Shred

You can also delete file by right clicking the file and selecting **Delete**.

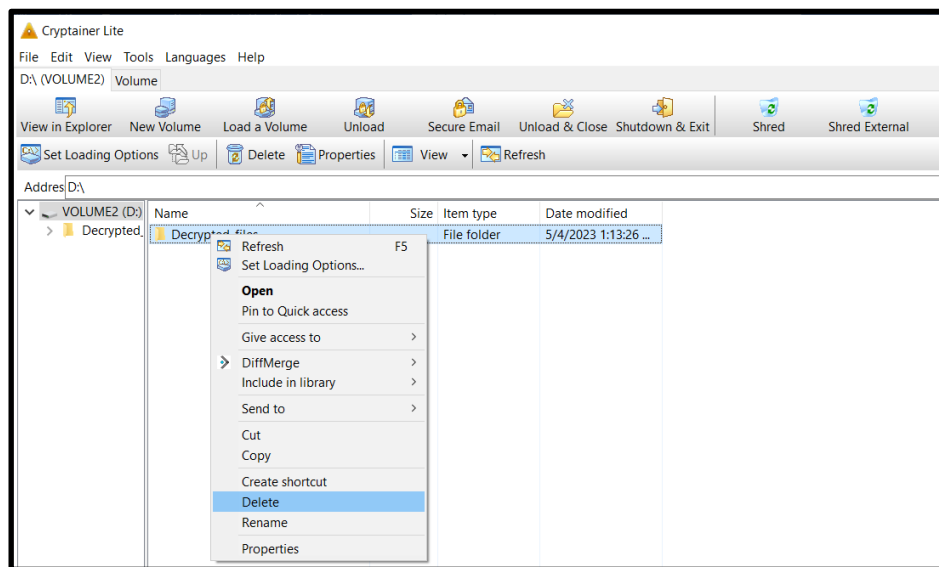


Figure 43: Deleting by Right Clicking at the File

Confirmation pop-up will appear.

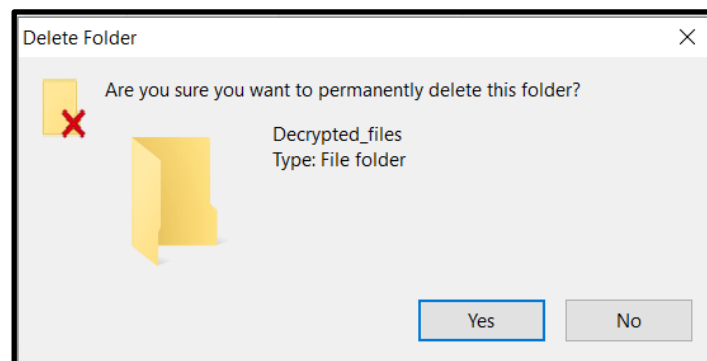


Figure 44: Confirmation Pop up

It will delete the file.

Shredding a File

To Shred a file, follow the steps.

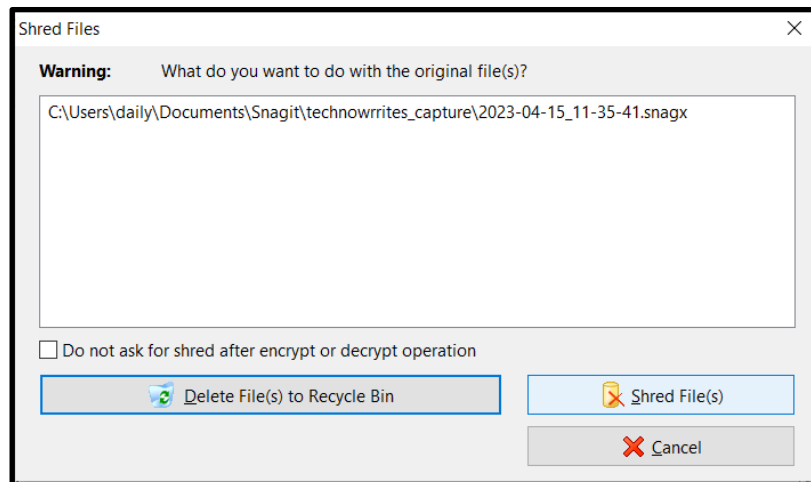


Figure 45: Shredding a File

Decrypting a File

You will need password to decrypt a file. To decrypt a file follow the steps.

1. Open Cryptainer LE app.
2. Click on the **Tools**.
3. Select **Decrypt File** from drop down list.

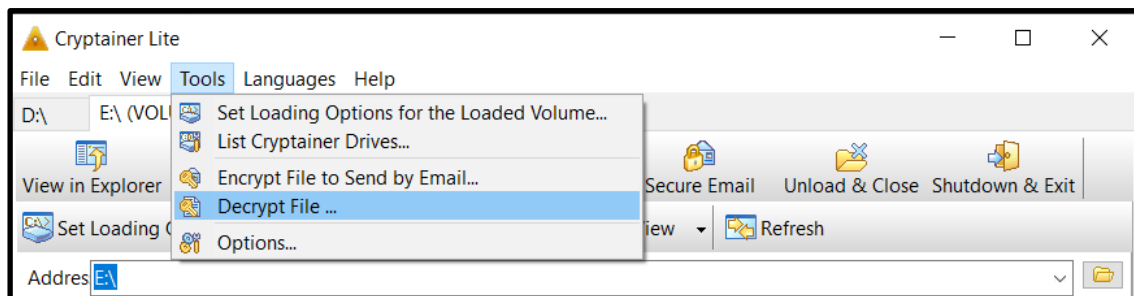


Figure 46: Decrypt File Option in Tools

A Confirm pop up will appear.

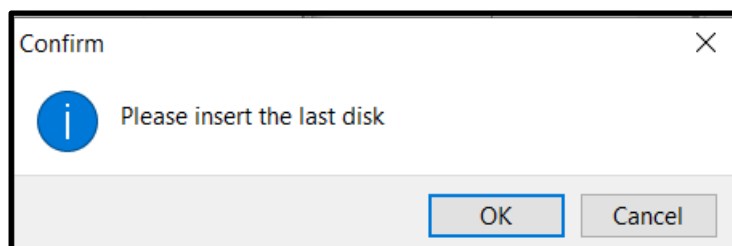


Figure 47: Confirm Pop Up

4. Click **OK**

An error message will pop up.

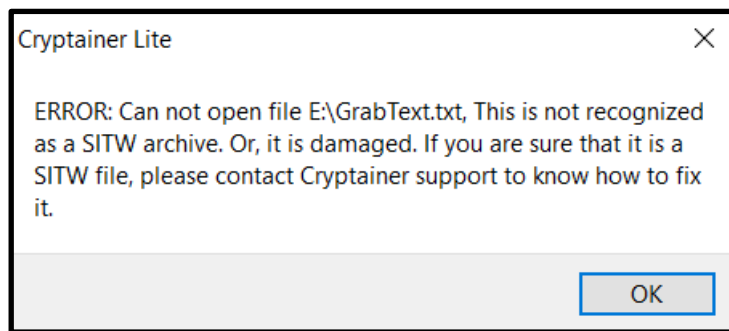


Figure 48: Error Message

5. Click Ok

It opens a Decrypt File screen.

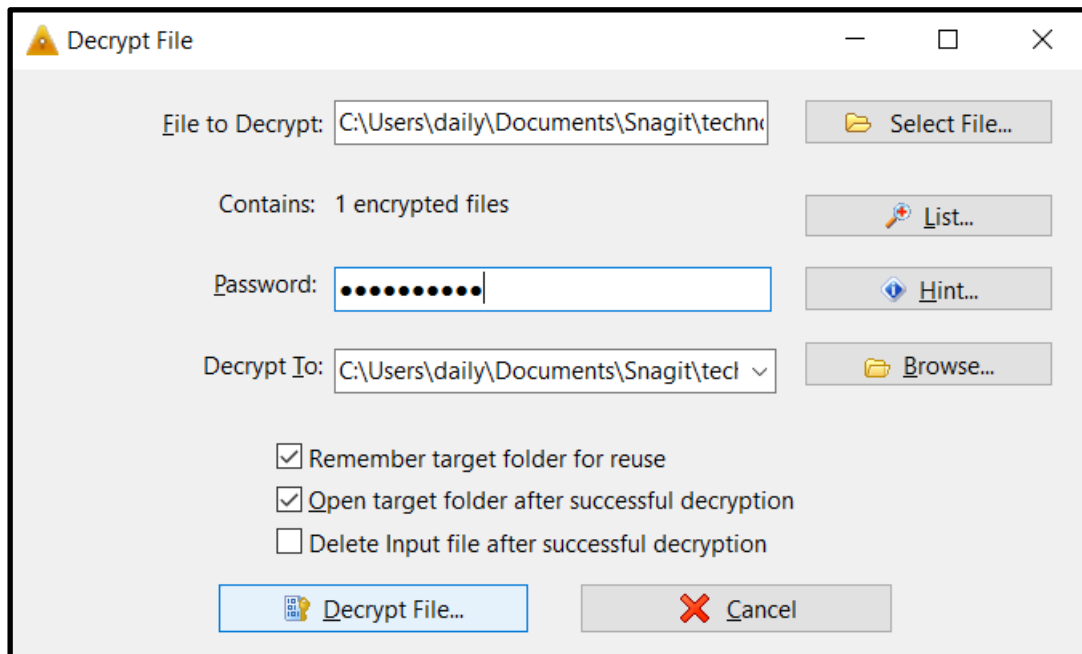


Figure 49: Decrypt File Screen

6. Select file name and location to decrypt.
7. Enter a password used at the time of encrypting this file.
8. Browse a location to decrypt the file.
9. Select check boxes to attach options to file.
- 10. Click on Decrypt File.**

It will open a confirmation pop up.

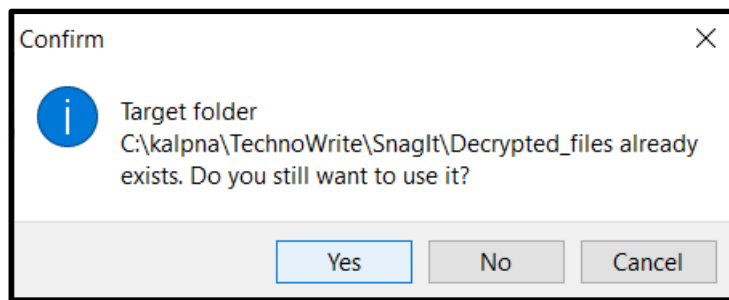


Figure 50: Confirmation Pop up

11. Click Yes.

The selected file will be decrypted.

Changing Password for Cryptainer LE Volume

You can change the password for Cryptainer LE volume. To Change password, the volume should be unloaded. To change password, follow the steps.

1. Go to File menu.
2. Select change password for a Cryptainer Volume.

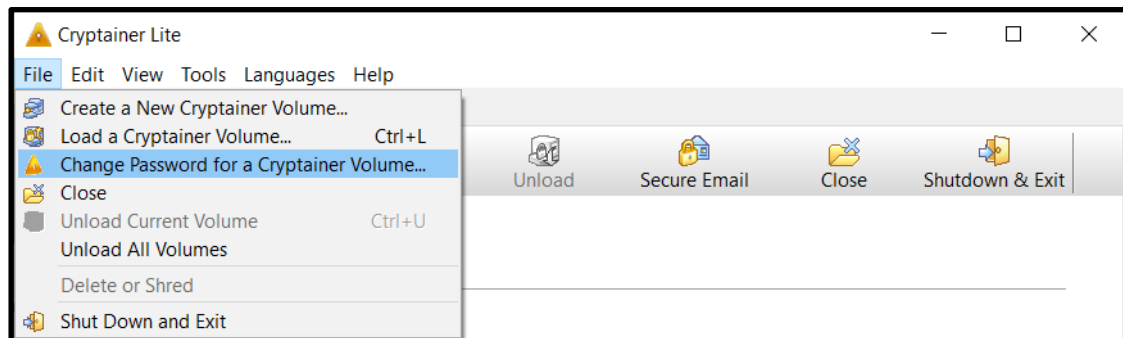


Figure 51: Changing Password for Volume

3. Select the volume to change password.

Change Cryptainer Password Screen will open. It has the following fields.

- Current Password
- New Password
- Reenter New Password

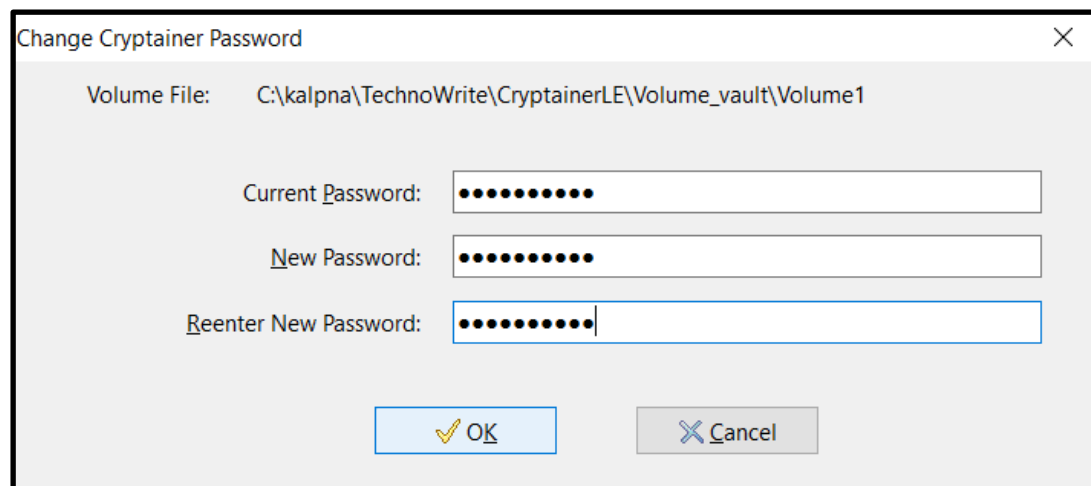


Figure 52: Change Cryptainer Password Screen

4. Enter current password in **Enter Current Password**.
5. Enter new password in **Enter New Password**.
6. Reenter new password in **Reenter New Password**.
7. Click **OK**.

Change Settings

You can change and customize the setting for Cryptainer LE. You can Define hot key, make dark background, hide Cryptainer on the taskbar.

To change the setting options, follow the steps.

1. Launch Cryptainer LE from the desktop shortcut or the start menu.
2. Click on **Tools** to access the dropdown list.
3. Click on Options.

You can define Hotkey, general or advance settings.

Hot Key Option

To define Hot key for Cryptainer LE, follow the steps.

1. Click on the **Tools** button.
2. Choose **Options** from the dropdown list.

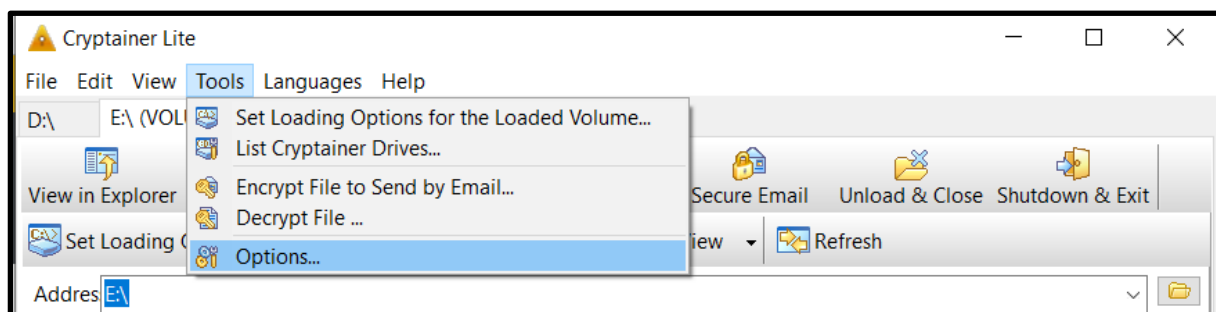


Figure 53: Screen Showing Options

It will open a Cryptainer LE Options Screen.

3. Click on **Hot Key** tab.
4. Select **Hot Key for Cryptainer**.
5. Click **OK**.

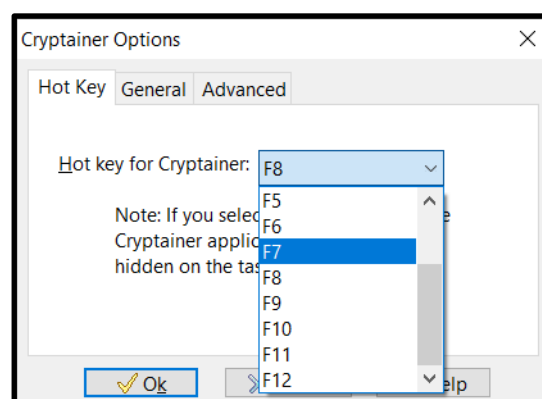


Figure 54: Cryptainer Option Screen for Hot Key

The Hot Key will become active. For example, if you press the selected hot key, Cryptainer will open. Do not assign an often-used menu key for another application as **Hot Key** for Cryptainer. It will stop working in that application.

General Setting Options

General setting gives the following options.

- Check for a new version periodically.
- Dark mode.

Dark mode is when the text is white, and the background is black. To change to dark mode, follow the steps.

1. Go to **Tools** in the menu bar.
2. Click on the **Options**.
3. Select **Dark mode**.
4. Click **OK**.

Advance Setting Option

Advance Setting gives you the following options.

- Show only on the system tray when minimized (hiding is disabled if a Hotkey is set up)
- Shut down on close window
- Use of virtual keyboard
- Use of privileged mode

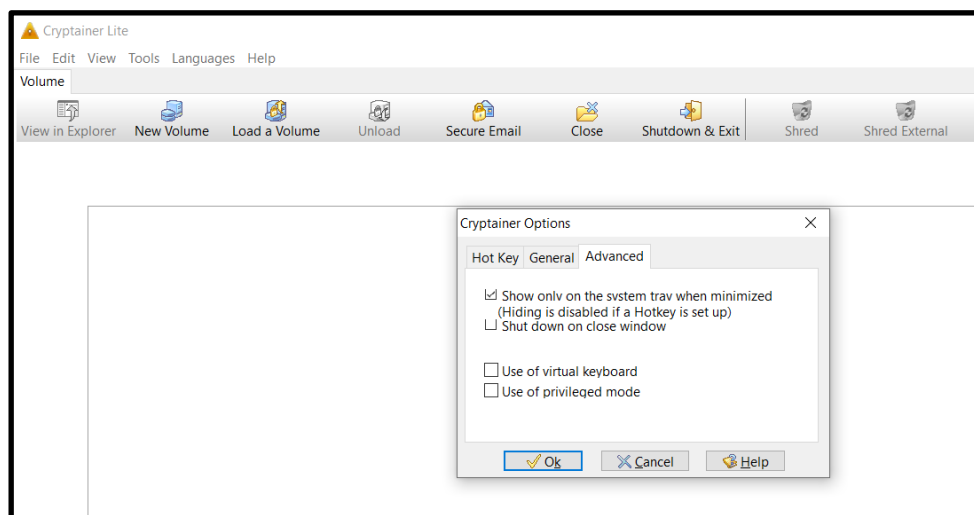


Figure 55: Advance Setting Options

1. Choose preferred setting option.
2. Click **Ok** to save changes.

Troubleshooting

Some of the common troubles and their solutions are given below.

Troubleshooting for Password

- What if I forget my password?
 - You will not be able to access your encrypted drive or file. Cryptainer LE does not store your password. However, you can enable the password recovery option in the setting which allows to create a password hint that will help you to remember or reset your password.
 - Note: Remember your password and password hint to access your volume or file.

Troubleshooting Questions on Uninstallation

- What should I do if I cannot uninstall Cryptainer LE.
 - Uninstall Cryptainer LE from the Control Panel.
Or
 - Follow the following steps.
 1. Make sure that all encrypted drives are unloaded and closed.
 2. Go to installation folder of Cryptainer LE and run the Uninstall.exe File.
 3. Follow the prompt to complete the uninstallation.

Troubleshooting Question on Loading or Unloading Volume

- What if I get a Win 32 error?
 - A Win-32 error occurs if Cryptainer LE is unable to load or unload an encrypted volume. To resolve this, try the following solutions.
 - Restart your computer and try again.
 - Check if enough free space on your hard disk or removable media is available for encrypted volume.
 - Reinstall Cryptainer LE and try again.

Troubleshooting Question on Loosing Encrypted Volume

- What if I lose encrypted Volume?
 - If you lose your encrypted volume or file, you will not be able to access your data unless you have a backup copy of it. Cryptainer LE does not keep backup of encrypted Volume or file.
 - Note: back up your Volume regularly and store in a safe location.

Other Troubleshooting Question

- What if I have any other concern or problem?
 - In case you have any other problem or concern with your Cryptainer LE, you can access the online help manual of Cryptainer LE.
 - Visit Website: WWW.CYPHERIX.COM .

FAQs

Installation FAQs

- How to install Cryptainer LE?
 - You will need to download it from WWW.CYPHERIX.COM and then run the set-up file and follow the instructions.

General FAQs

- What is Cryptainer LE?
 - Cryptainer LE is a Free Encryption. Cryptainer LE allows you to create encrypted Volume/Drive/Vaults on your hard disk or removable media. Cryptainer LE can store any type of data and protect it with password.
- Which company developed Cryptainer LE?
 - Cryptainer LE is developed by Cypherix software LLP, India.

Uninstallation FAQs

- How to uninstall Cryptainer LE?
 - Go to the **Control Panel** and click on **Uninstall a Program** under Programs. Find Cryptainer LE in the list of the programs and click on **Uninstall**. Follow the prompts to complete the uninstallation.
 - To remove Cryptainer LE completely, delete the volume file. You can delete the volume file just like any other file. Find and delete the volume file using Windows explorer.

Encrypted Volume FAQs

- How do I Create Encrypted Volume/Drive/Vaults?

To create the encrypted Volume/Drive/Vaults, follow the steps.

 - Launch Cryptainer LE from the desktop shortcut or the start menu.
 - Then click on **Create Volume**.
 - Choose a drive letter and click **Next**.
 - Choose a size for the Volume, Cryptainer LE allows up to **100 MB**, Click **Next**.
 - Choose a password and click **Next**.
 - Click **Finish** to create Volume.

Changing Setting FAQs

- How do I change the settings?

You can change settings for password, file name encryption, dark mode and so on. To change settings, you will need to do the following.

 - Launch Cryptainer LE from the desktop shortcut or the start menu.
 - Go to **Settings** and from the dropdown list select **Options**.

Other FAQs

- How do I get help for other questions or concerns?
 - Launch Cryptainer LE from desktop or start menu.
 - Click on Help to access various resources.
 - Visit Website WWW.CYPHERIX.COM

License and Warranty

Cypherix software LLC retains ownership of Cryptainer LE.

Nothing can be copied or altered.

You have the right to use Cryptainer LE free software. This License is personal to you and should not be transferred to anyone in any other form.

This free software comes with Limited Warranty and sold as is. Cypherix is not liable for any data loss or damages.

Licensee understands and accepts that without a password, the licensee cannot access the encrypted data. Cypherix cannot help to recover password.

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Support Services and References

Visit Cypherix Website WWW.CYPHERIX.COM for information about the product.

Click at the hyperlink to go to [Support page for Cryptainer](#).

Click at the hyperlink to see [Review of Cryptainer](#).

Click at the hyperlink to go to [Online Help for Cryptainer](#).

Click at the hyperlink to [Download Cyptainer LE](#).

Click at the hyperlink to [Download DecypherIT](#).

Glossary

448-bit encryption: A type of encryption that uses a 448-bit key to encrypt and decrypt data. It is very strong and secure.

Algorithms: Algorithms are the formulas used to encode and decode the messages are called encryption algorithms or ciphers.

Asymmetric ciphers: Asymmetric ciphers are also known as public key encryption. The Rivest Shamir Adleman (RSA) is the most used public key algorithm.

Cryptainer LE: A free Encryption software that lets you create encrypted volume/drive/vaults on your hard disk or removable media. You can store all types of sensitive data and protect them with password.

Encryption: Encryption is the method by which information is converted into secret code that hides the information's true meaning.

Volume File: A file that contains all the encrypted data of an encrypted Volume/drive /vault. It is created by Cryptainer LE and can be located on your storage device. It can be deleted like any other file or folder in your system.

Encrypted Drive: Is a drive created by Cryptainer LE to contain encrypted data. It works as a regular Windows drive. It is password protected.

Decryption: It is a process that transforms encrypted data back into its original form using the same algorithm and a key. It can be done by authorized parties only.

Password: A secret word or phrase that is used to load an encrypted drive or an encrypted file. It should not be forgotten; without password you cannot access encrypted data or decrypt it.

Secure email: Secure email is a feature of Cryptainer LE that allows you to create self-extracting encrypted email files that can be sent as email attachments. The recipient does not need Cryptainer LE to decrypt the files, only the password.

Settings: A feature of Cryptainer LE that allows you to customize various options for Cryptainer LE.

Symmetric ciphers: Symmetric ciphers use a single key. The most widely used symmetric key cipher is Advanced Encryption Standard (AES).

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