USER GUIDE

Cryptainer LE

AMRUTA DESHPANDE

Time Required: 90 hours

Copyright

Cypherix is one of the companies to specialize in Cryptography and data security.

Support Information

For more information and product updates you can refer the Cypherix website www.cypherix.com.

You can also email your queries to support@cypherix.com.

Table of Contents

List of Figures

List of Tables

1 Introduction

Today, a large volume of data is created, saved, sent, or retrieved. The data must be accessible only to the desired people and no one else.

Some of the examples of data are listed below.

- Any information stored on a personal computer or storage devices
- Emails and the attachments
- Any programs or applications in the computer
- Internet data like browser data and website information
- Personal data like bank details, passwords, photos and videos, chat history, tax documents
- Business or company related data
- Intellectual property in companies and research labs
- Highly sensitive data related to government and defense

1.1 Need of Encryption

The data must be accessible to only the concerned people and no one else. If the data is available to the undesired people, it can be misused or leaked. Data can be accessed for theft, misuse of information, frauds, and so on. Hence there is a need to protect data for security, reduction in financial losses, and privacy breach. One of the ways to protect data is using encryption.

1.1.1 Encryption & Decryption Process

For protection of data, the original readable text is converted into some random unreadable format. This process is called as encryption. Even though such scrambled data is accessed by undesired people, it is not readable. This random data is converted back into a readable original text. This process is called as decryption.

Different encryption algorithms are available for encrypting data. Some of these encryption algorithms are Advanced Encryption Algorithm (AES), Blowfish, Triple DES (Data Encryption Standard), and so on. The encryption algorithms use a key to encrypt and decrypt the data.

Many encryption software tools are available to keep the data safe and protected. Some of the tools are available for free. Cryptainer LE is a free encrypting software by Cypherix. Many Cryptainer products are available for different types of users and their requirements.

1.2 Different Cryptainer Products

There are different products available in the market for encrypting data. Cypherix company provides many encryptions software products for data protection. Different products are available online catering to different needs like personal and small to big business. See *Table 1* on page 2.

Table 1: Comparison of Different Cryptainer Products

Name	**Cryptainer LE**	**Cryptainer PE**	**Cryptainer 15.0**	**Cryptainer SE**	**Cryptainer USB**
Size of the encrypted data	100 MB	32 GB	10 terabytes	10 terabytes	32 GB
Can install on an external USB drive	Yes	No	No	No	Yes
Ability to Create Unlimited Vaults	Yes	Yes	Yes	Yes	Yes
Administrative module for password recovery	No	No	No	Yes	No
Length of password	100 Characters	100 Characters	100 Characters	100 Characters	100 Characters
Ability to send an encrypted email	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Ability to decrypt encrypted attachments	Yes	Yes	Yes	Yes	Yes

Name	Cryptainer LE	Cryptainer PE	Cryptainer 15.0	Cryptainer SE	Cryptainer USB
Encryption Strength	448 Bit Blowfish, 256 Bit AES	448 Bit Blowfish	448 Bit Blowfish & 265 Bit AES	448 Bit Blowfish	448 Bit Blowfish
Encrypted Backup Possible	Yes	Yes	Yes	Yes	Yes
Independent Volumes for different Users with their own password	Yes	Yes	Yes	Yes	Yes
Price per License	Free	US $ 45.00	US $ 69.95	US $ 139.90	US $ 29.95
Supported Platform	32 Bit and 64-Bit Versions of Windows	32 bit and 64-bit versions of Window	32 Bit and 64-Bit Versions of Windows	32 Bit and 64-Bit Versions of Windows	32 Bit and 64-Bit Versions of Windows

1.3 Advantages of Using Cryptainer LE

The advantages of Cryptainer LE are listed below.

- Simple interface
- Easy to use
- No technical knowledge required
- No need for individual passwords for files
- Can encrypt any file format
- Easily downloadable
- Available for free
- Never expires

1.4 Features of Cryptainer LE

Features of Cryptainer LE are listed below.

- Encrypted drives can be created on removable media.
- Cryptainer LE can be installed on all versions of Windows.
- Speed of encryption and decryption is fast.
- Files can be simply dragged into the volume for encryption.
- Files are securely encrypted and hidden.
- Cryptainer LE provides guaranteed data protection.
- Backup for encrypted data is possible.
- Independent encrypted volumes can be created by multiple users on the same computer.
- Any applications can be installed inside the encrypted volume, preventing others from using them.
- Volumes are easily portable.
- Files sent over an email can be encrypted. The files can be easily decrypted by the recipient without installing Cryptainer LE.

1.5 Technical Specifications of Cryptainer LE

Technical Specifications of Cryptainer LE are described in Table 2.

Table 2: Technical Specifications of Cryptainer LE

Specifications	
Current Version	Cryptainer 15.0 series
Platform	Intel/AMD/ Cyrix/ Other Compatible Architecture
Operating System	Windows XP Windows Vista Windows 7 Windows 8.1 Windows 10
Disk Requirement	31 MB on all Platforms
Encryption Algorithm	448-bit Implementation of Blowfish Algorithm in Cipher Block Chaining mode with 64-bit block size
Size of Encrypted data volume	100 MB
Additional Volumes that can be created	Unlimited
Length of Password for the volume	100 Characters
Encryption Strength	448 Bit Blowfish or AES 256 Bit
Supported File Systems	FAT, FAT12, FAT32, NTFS, NTFS with EFS

1.6 Upgrades for Cryptainer

Cryptainer LE offers 100 MB of space in the volumes. If more space is desired, you can create any number of volumes on the computer. But you can load up to four volumes at a time.

Cryptainer LE, Cryptainer PE and Cryptainer 15.0 versions have the same interface. Hence it ensures ease of continuity and inter-operability.

Table 3 compares the different Cryptainer products for the price and space offered.

Table 3: Cryptainer Products

Cryptainer Product	**Price**	**Available Space**
Cryptainer LE	Free	100 MB
Cryptainer PE	US $ 45.00	32 GB
Cryptainer 15.0	US $ 69.95	10 TB
Cryptainer SE	US $ 139.90	10 TB
Cryptainer USB	US $ 29.95	32 GB

2 Getting Started

Cryptainer LE is encryption software by Cypherix. LE stands for Lite Edition. It protects data on any Windows PC, hard disk, removable drives, desktop, and laptop. You can easily download it for free, and it never expires. You can create a volume that is password protected. This volume is similar to a vault in a bank. It stores the files which are encrypted and hidden. The volume can be viewed, accessed, browsed, or modified only using a password. This software can also be used for encrypting email attachments. See *Securing Emails* on page 38*.*

The system requirements, downloading, and installing steps for Cryptainer LE Version 15.5.3.0 are given below.

2.1 System Requirements

The system requirements for installing Cryptainer LE Version 15.5.3.0 are given below.

- Disk Requirement: 30.10 MB.
- Supported Platforms: Windows XP/ Windows Vista/ Windows 7/ Windows 8.1/ Windows 10

2.2 Downloading Cryptainer LE

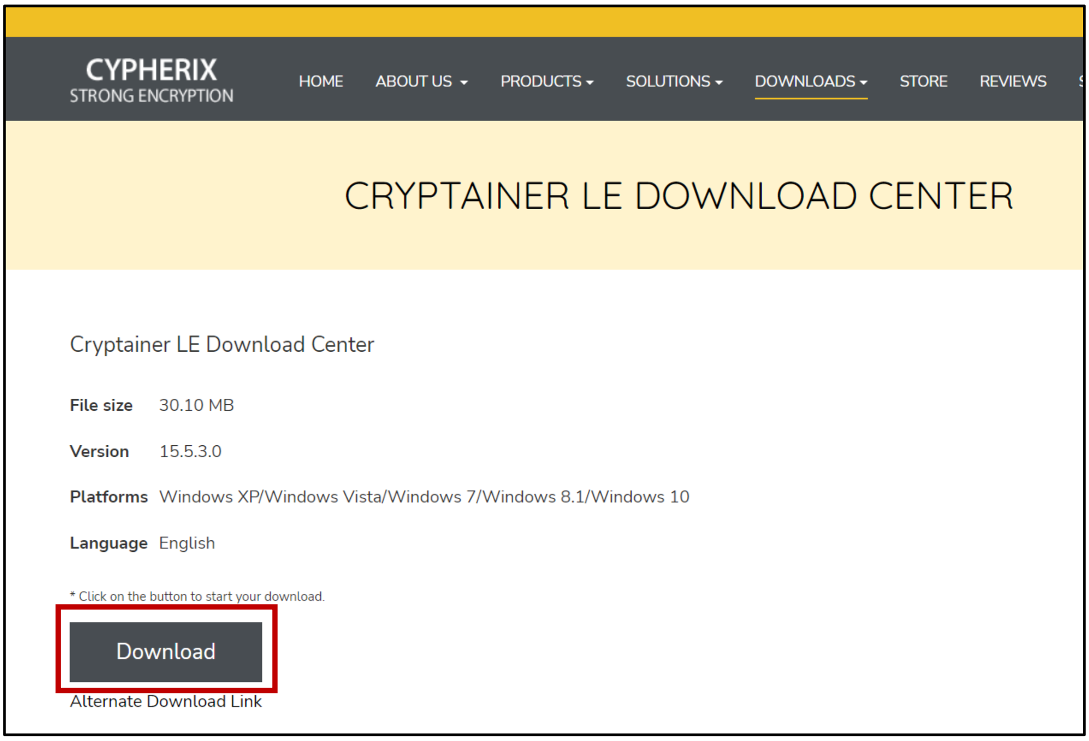
Cryptainer LE 15.5.3.0 can be downloaded from the Cypherix website.

To download the Cryptainer LE 15.3.0, follow the steps given below.

1. Click on the following link to download the free version of Cryptainer LE.

https://www.cypherix.com/cryptainer_le_download_center.htm

Cryptainer LE Download Center window is opened.



CRYPTAINER LE DOWNLOAD CENTER

Cryptainer LE Download Center

File size 30.10 MB

Version 15.5.3.0

Platforms Windows XP/Windows Vista/Windows 7/Windows 8.1/Windows 10

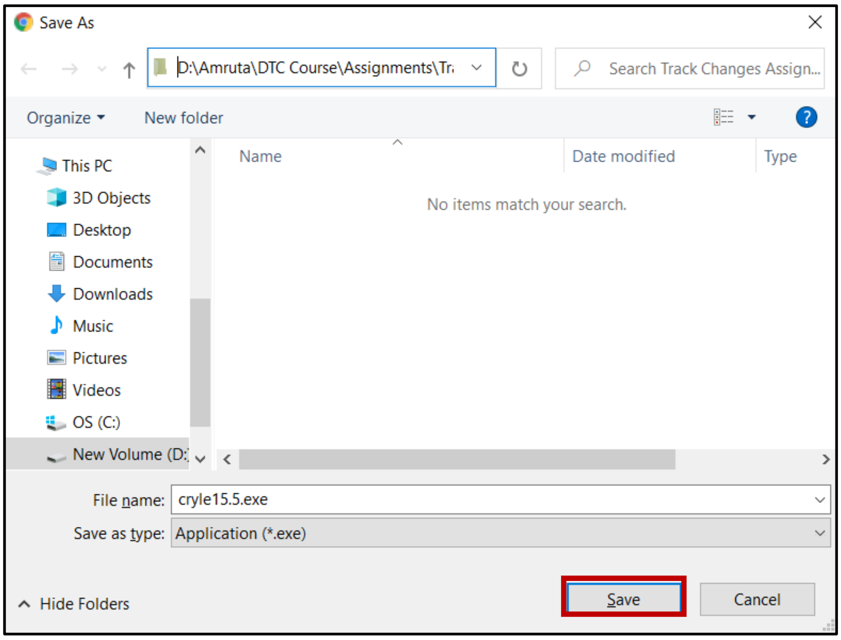
Language English

* Click on the button to start your download.

Figure 1: Downloading Cryptainer LE

2. Click **Download**.

   Save As dialog box is opened.



No items match your search.

File name: cryle15.5.exe

Save as type: Application (*.exe)

Figure 2: Saving Cryptainer LE Executable File

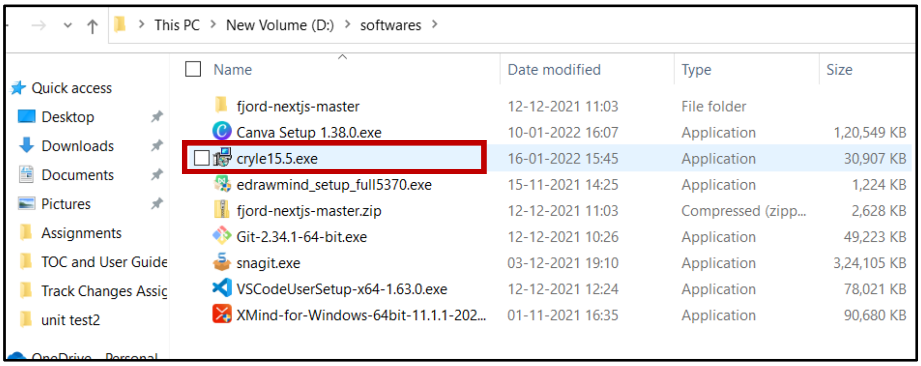
3. Select the desired location to save the setup for Cryptainer LE.
4. Click **Save**.

   The executable file by the name cryle15.5.exe is saved.

2.3 Installing Cryptainer LE

To install Cryptainer LE, follow the steps given below.

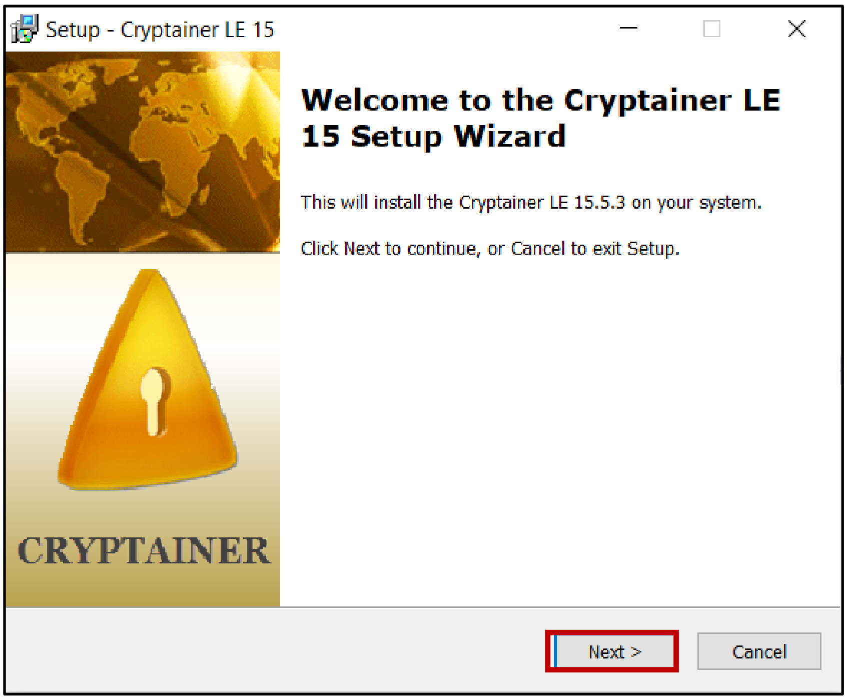
1. Double-click the executable file **cryle 15.5.exe**.



Name	Date modified	Type	Size
fjord-nextjs-master	12-12-2021 11:03	File folder	
Canva Setup 1.38.0.exe	10-01-2022 16:07	Application	1,20,549 KB
cryle15.5.exe	16-01-2022 15:45	Application	30,907 KB
edrawmind_setup_full5370.exe	15-11-2021 14:25	Application	1,224 KB
fjord-nextjs-master.zip	12-12-2021 11:03	Compressed (zipp...	2,628 KB
Git-2.34.1-64-bit.exe	12-12-2021 10:26	Application	49,223 KB
snagit.exe	03-12-2021 19:10	Application	3,24,105 KB
VSCodeUserSetup-x64-1.63.0.exe	12-12-2021 12:24	Application	78,021 KB
XMind-for-Windows-64bit-11.1.1-202...	01-11-2021 16:35	Application	90,680 KB

Figure 3: Running the Cryptainer LE Executable File

Setup - Cryptainer LE 15 dialog box is opened.



Setup - Cryptainer LE 15

Welcome to the Cryptainer LE 15 Setup Wizard

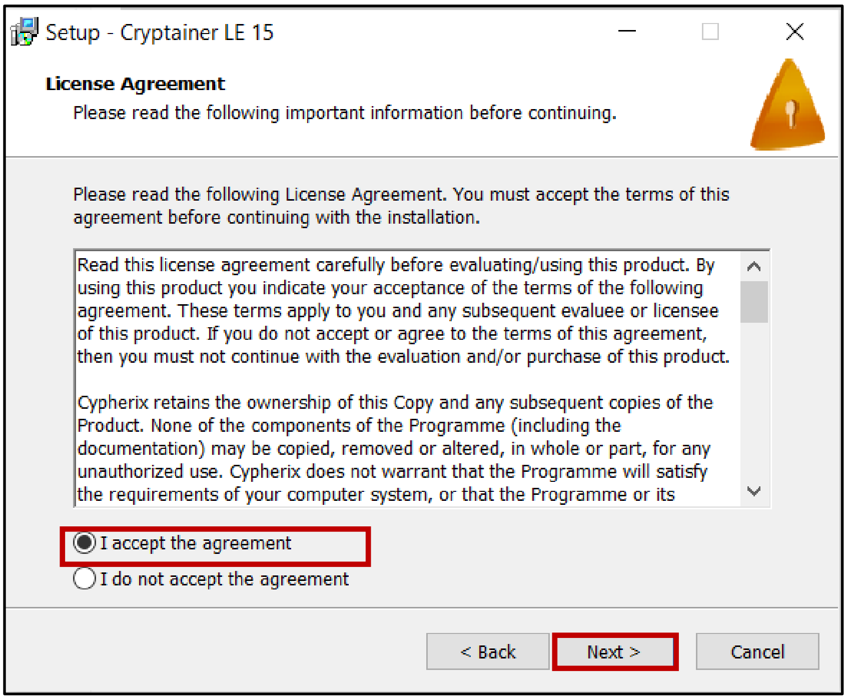
This will install the Cryptainer LE 15.5.3 on your system.

Click Next to continue, or Cancel to exit Setup.

Figure 4: Cryptainer LE Setup Wizard

2. Click **Next**.

License Agreement dialog box is opened.



Setup - Cryptainer LE 15

License Agreement

Please read the following important information before continuing.

Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

Read this license agreement carefully before evaluating/using this product. By using this product you indicate your acceptance of the terms of the following agreement. These terms apply to you and any subsequent evaluee or licensee of this product. If you do not accept or agree to the terms of this agreement, then you must not continue with the evaluation and/or purchase of this product.

Cypherix retains the ownership of this Copy and any subsequent copies of the Product. None of the components of the Programme (including the documentation) may be copied, removed or altered, in whole or part, for any unauthorized use. Cypherix does not warrant that the Programme will satisfy the requirements of your computer system, or that the Programme or its

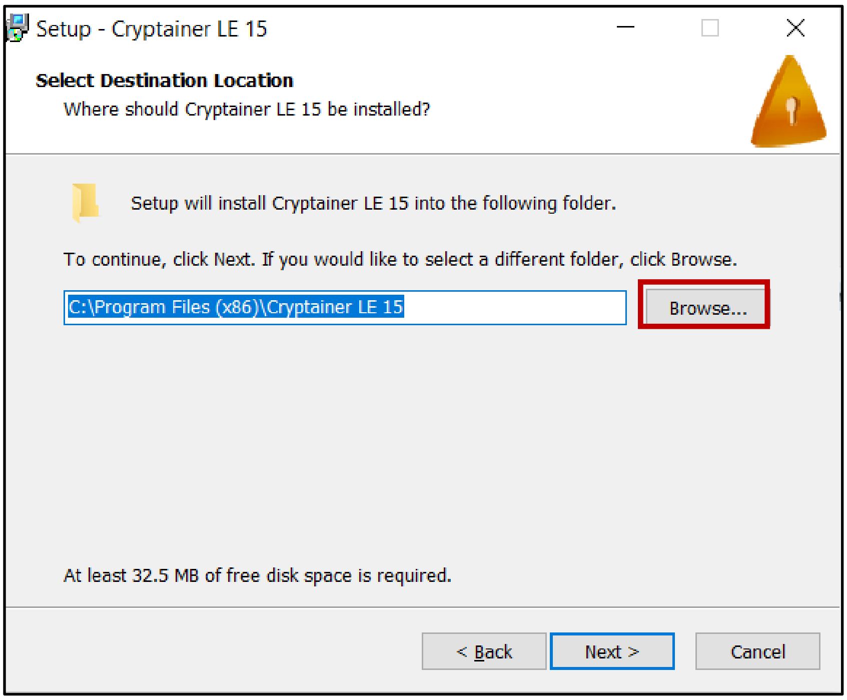
● I accept the agreement

○ I do not accept the agreement

Figure 5: Cryptainer LE License Agreement

3. Click **I accept the agreement** and then click **Next**.

Select Destination Location dialog box is opened.



Setup - Cryptainer LE 15

Select Destination Location

Where should Cryptainer LE 15 be installed?

Setup will install Cryptainer LE 15 into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

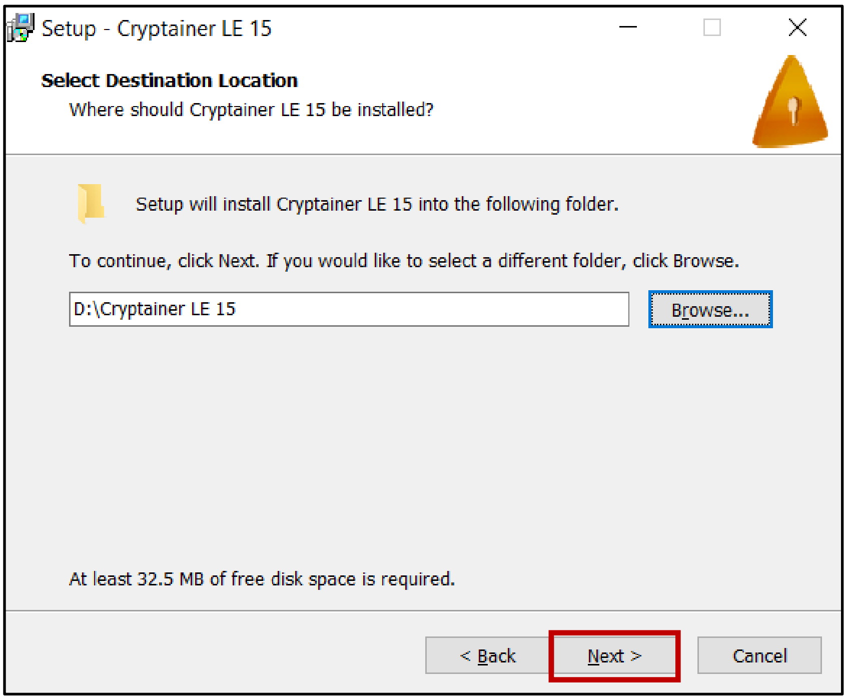
C:\Program Files (x86)\Cryptainer LE 15

At least 32.5 MB of free disk space is required.

Figure 6: Selecting Destination Location

4. Click **Browse** to select the location where you want to install Cryptainer LE.

Note By default, the location and folder name are chosen for installation.



Setup - Cryptainer LE 15

Select Destination Location

Where should Cryptainer LE 15 be installed?

Setup will install Cryptainer LE 15 into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

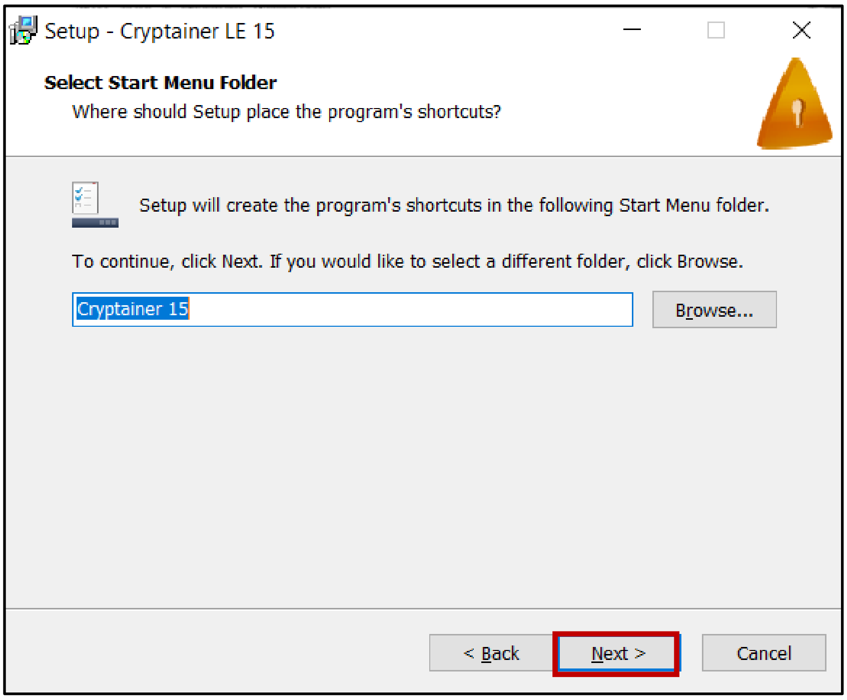
D:\Cryptainer LE 15

At least 32.5 MB of free disk space is required.

Figure 7: Selecting Destination Location

5. Click **Next**.

Select Start Menu Folder dialog box is opened. Program's shortcuts are saved in this folder.



Setup - Cryptainer LE 15

Select Start Menu Folder

Where should Setup place the program's shortcuts?

Setup will create the program's shortcuts in the following Start Menu folder.

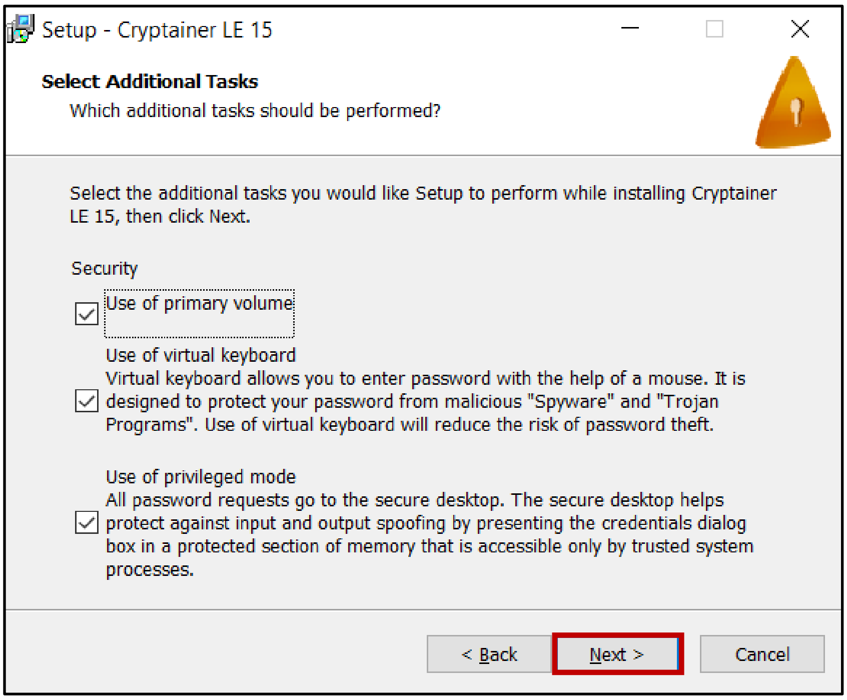
To continue, click Next. If you would like to select a different folder, click Browse.

Cryptainer 15

Figure 8: Selecting Start Menu Folder

6. Click **Browse** to select the desired location of the folder and then click **Next**.

Select Additional Tasks dialog box is opened. By default, the check boxes are selected. You can clear the checkboxes according to your preference.



Setup - Cryptainer LE 15

Select Additional Tasks

Which additional tasks should be performed?

Select the additional tasks you would like Setup to perform while installing Cryptainer LE 15, then click Next.

Security

☑ Use of primary volume

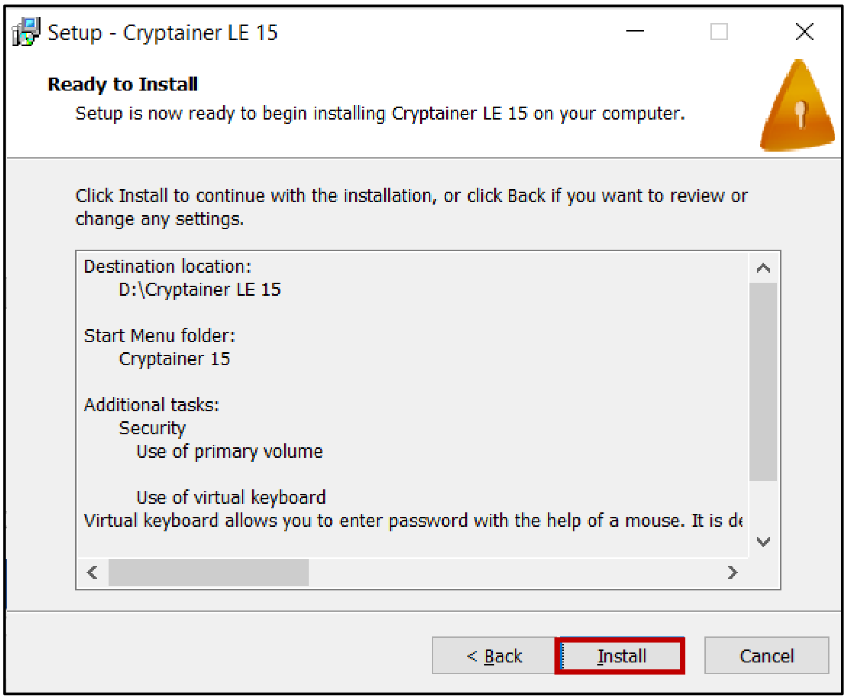
☑ Use of virtual keyboard
Virtual keyboard allows you to enter password with the help of a mouse. It is designed to protect your password from malicious "Spyware" and "Trojan Programs". Use of virtual keyboard will reduce the risk of password theft.

☑ Use of privileged mode
All password requests go to the secure desktop. The secure desktop helps protect against input and output spoofing by presenting the credentials dialog box in a protected section of memory that is accessible only by trusted system processes.

Figure 9: Selecting Additional Tasks

7. Click **Next**.

   Ready to Install dialog box is opened.



Setup - Cryptainer LE 15

Ready to Install

Setup is now ready to begin installing Cryptainer LE 15 on your computer.

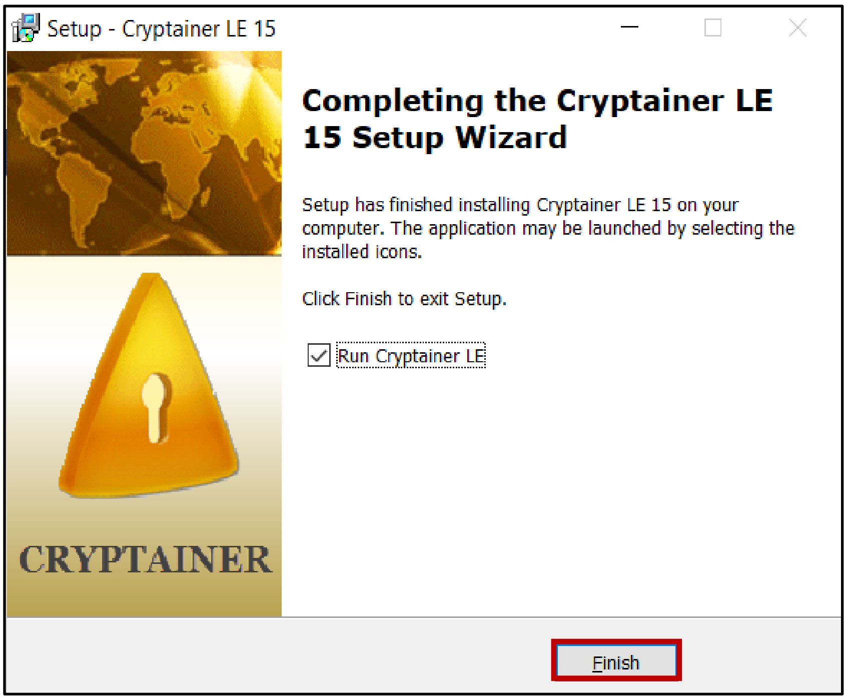
Click Install to continue with the installation, or click Back if you want to review or change any settings.

```
Destination location:
      D:\Cryptainer LE 15

Start Menu folder:
      Cryptainer 15

Additional tasks:
      Security
         Use of primary volume

         Use of virtual keyboard
Virtual keyboard allows you to enter password with the help of a mouse. It is de
```

Figure 10: Ready to Install

8. Click **Install**.

   The installation is completed. The shortcut for Cryptainer LE is displayed on the Desktop.



Completing the Cryptainer LE 15 Setup Wizard

Setup has finished installing Cryptainer LE 15 on your computer. The application may be launched by selecting the installed icons.

Click Finish to exit Setup.

☑ Run Cryptainer LE

Figure 11: Completing Cryptainer LE Setup

9. Click **Finish**.

2.4 Cryptainer LE User Interface

When Cryptainer LE is installed, it can be opened from its shortcut created on the computer desktop. To open Cryptainer LE, follow the given steps.

1. On the desktop, double-click **Cryptainer LE** icon.

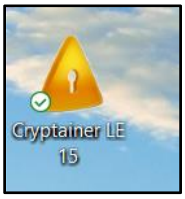


Figure 12: Cryptainer LE Icon

Cryptainer LE window is opened.

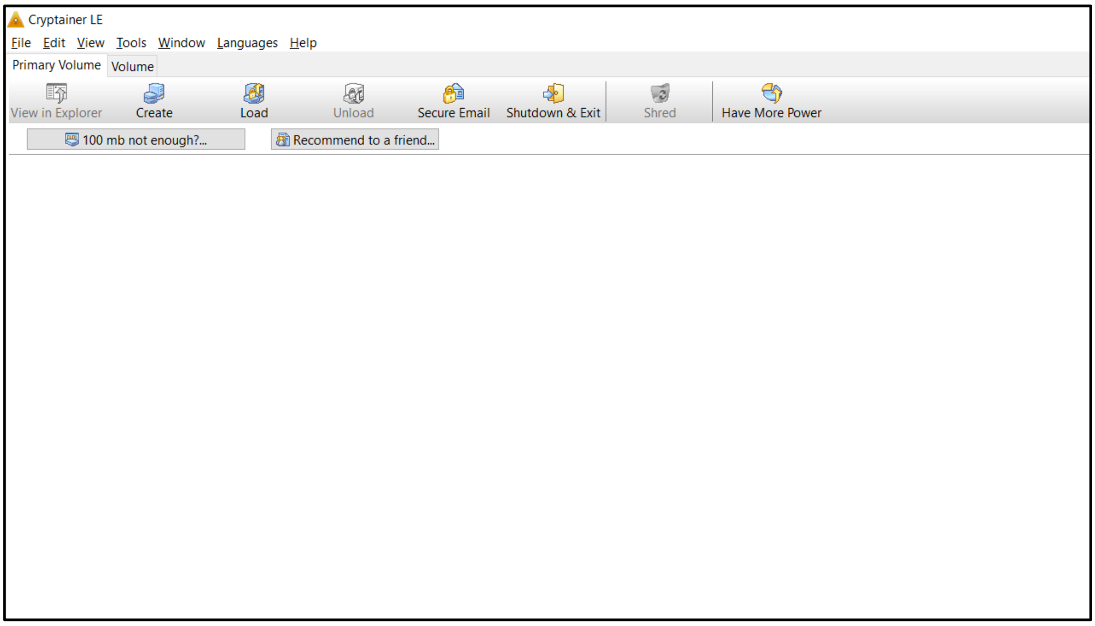


Figure 13: Opening Cryptainer LE

When Cryptainer LE is opened, Standard Toolbar is seen at the top. It contains different menus like File, Edit, View, Tools, Languages, and Help. See *Table 4* on page 16.

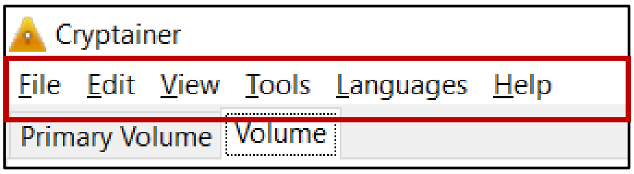
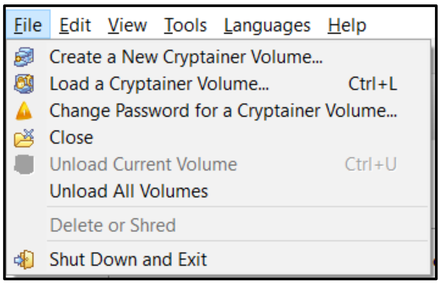
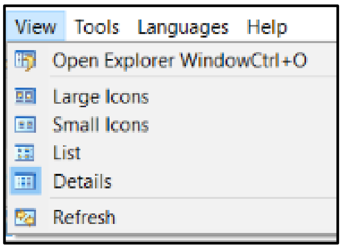
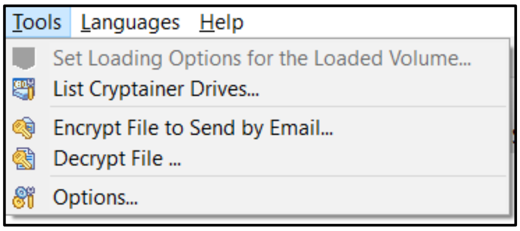
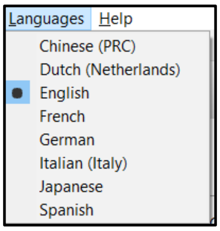
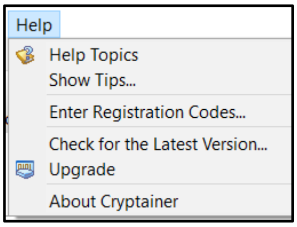


Figure 14: Cryptainer LE Standard Toolbar

Table 4: Cryptainer LE Standard Toolbar

Menu		Description
File	 File Edit View Tools Languages Help Create a New Cryptainer Volume... Load a Cryptainer Volume... Ctrl+L Change Password for a Cryptainer Volume... Close Unload Current Volume Ctrl+U Unload All Volumes Delete or Shred Shut Down and Exit	• You can create, load, unload, and close a Cryptainer Volume. • You can close and exit from Cryptainer LE.
View	 View Tools Languages Help Open Explorer WindowCtrl+O Large Icons Small Icons List Details Refresh	• You can open the drives in the explorer. • You can view the files in the form of icons or list.
Tools	 Tools Languages Help Set Loading Options for the Loaded Volume... List Cryptainer Drives... Encrypt File to Send by Email... Decrypt File ... Options...	• You can encrypt an email attachment • You can decrypt an email attachment. • You can define any key as a Hot KeyYou can list the Cryptainer drives
Languages	 Languages Help Chinese (PRC) Dutch (Netherlands) ● English French German Italian (Italy) Japanese Spanish	You can select the language from the given list. The default is English.
Help	 Help Help Topics Show Tips... Enter Registration Codes... Check for the Latest Version... Upgrade About Cryptainer	You can view the latest version and upgrade, help topics, and tips.

Some of the menu commands are also available on the Standard Toolbar for quick access.

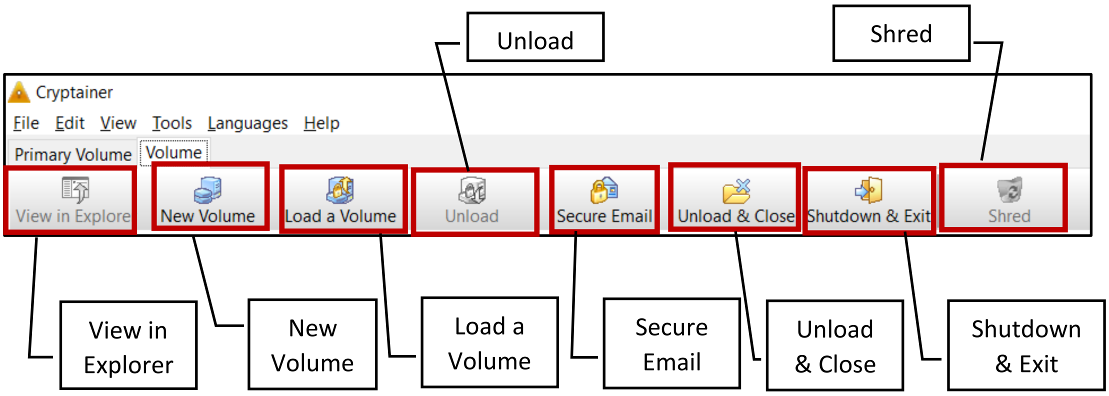


Figure 15: Cryptainer LE Standard Toolbar

3 Working with Cryptainer LE

In Cryptainer LE, volumes can be created, which are also called as vaults. Encrypted files are saved in the volume. You can simply drag and drop files into the volume. The files are hidden and encrypted. They can be accessed only with a valid password.

3.1 Creating & Formatting Cryptainer Volume

When using Cryptainer LE for the first time, you need to create a volume. Then only you can add files into the volume for encryption. You can also create additional or secondary volumes later. See *Creating Multiple Volumes* on page 36.

To create a new volume, follow the steps given below.

1. On the **File** menu, click **Create a New Cryptainer Volume**.

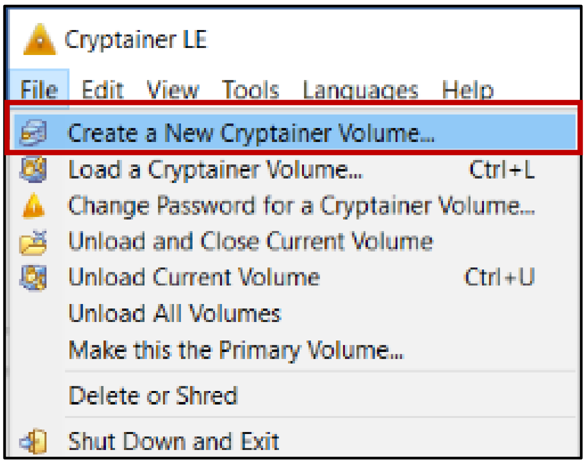
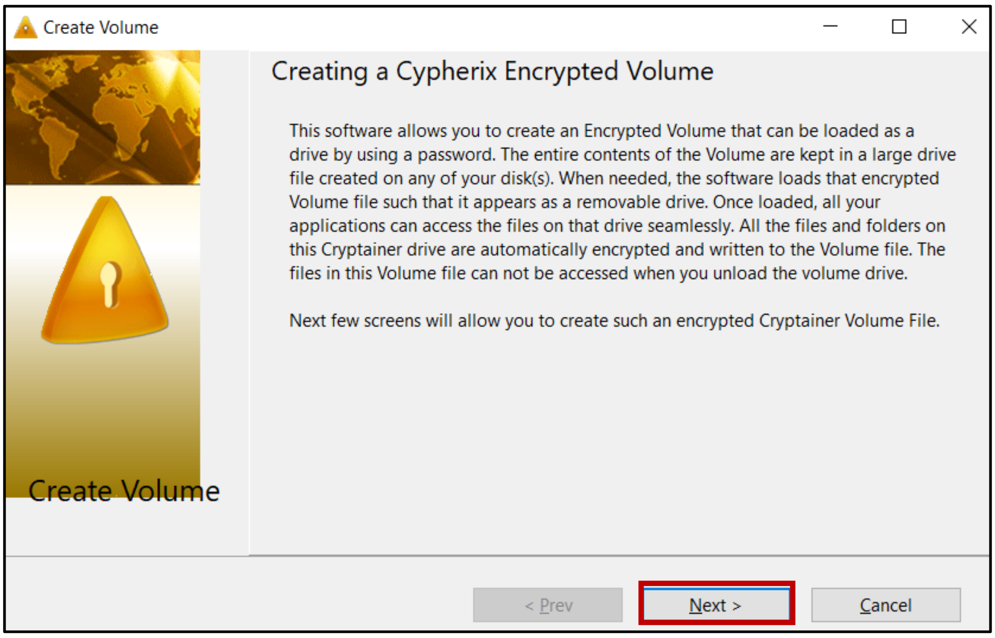

Cryptainer LE
File Edit View Tools Languages Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Unload and Close Current Volume
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 16: Creating a New Cryptainer Volume

Creating a Cypherix Encrypted Volume dialog box is displayed.



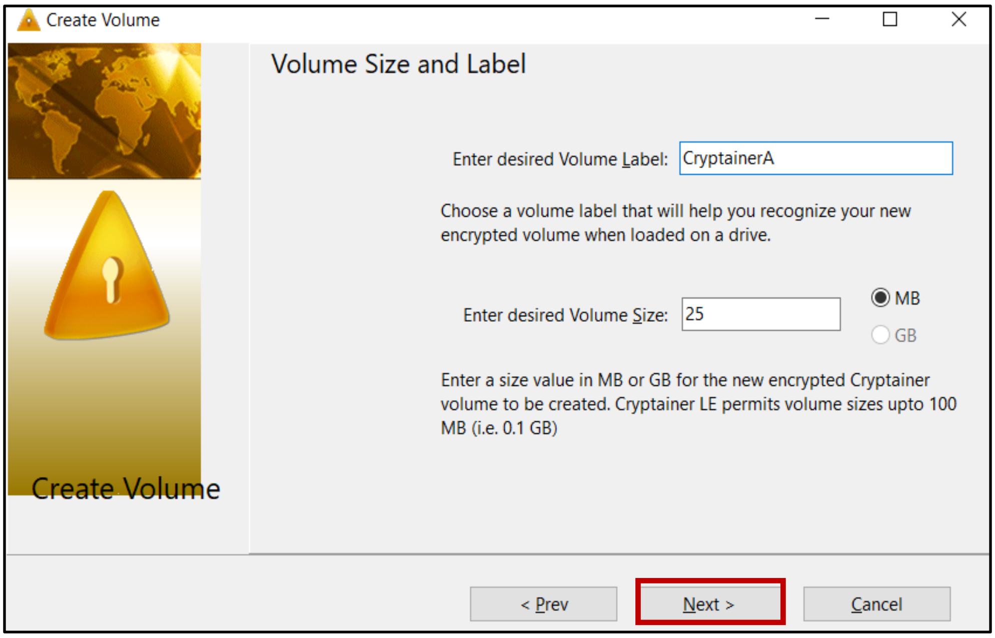
This software allows you to create an Encrypted Volume that can be loaded as a drive by using a password. The entire contents of the Volume are kept in a large drive file created on any of your disk(s). When needed, the software loads that encrypted Volume file such that it appears as a removable drive. Once loaded, all your applications can access the files on that drive seamlessly. All the files and folders on this Cryptainer drive are automatically encrypted and written to the Volume file. The files in this Volume file can not be accessed when you unload the volume drive.

Next few screens will allow you to create such an encrypted Cryptainer Volume File.

Figure 17: Creating Encrypted Volume

2. Click **Next**.

   Volume Size and Label dialog box is displayed.



Enter desired Volume Label: CryptainerA

Choose a volume label that will help you recognize your new encrypted volume when loaded on a drive.

Enter desired Volume Size: 25 ● MB ○ GB

Enter a size value in MB or GB for the new encrypted Cryptainer volume to be created. Cryptainer LE permits volume sizes upto 100 MB (i.e. 0.1 GB)

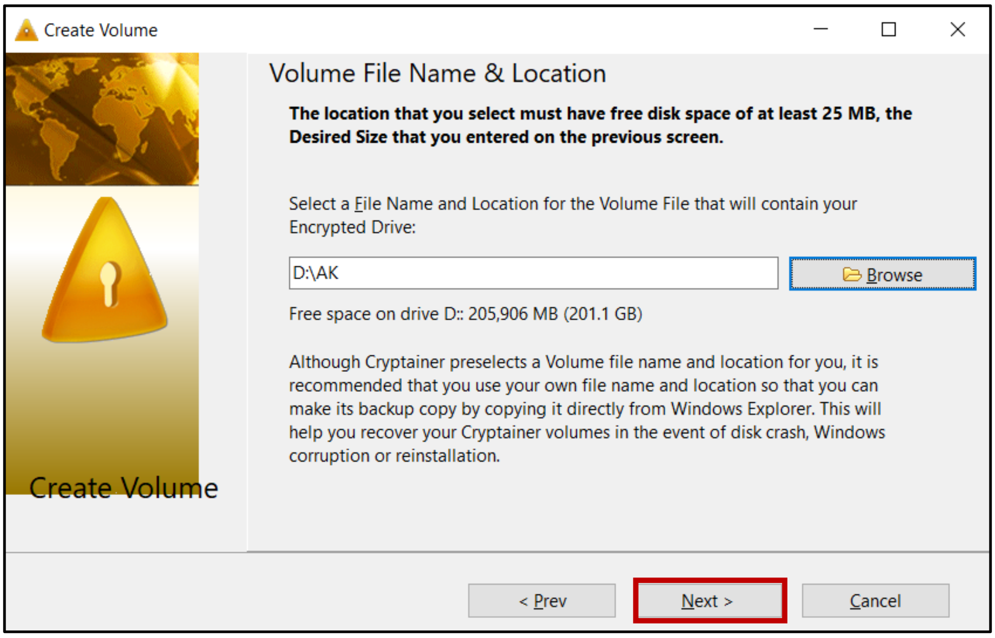
Figure 18: Selecting Volume Size & Label

3. In the **Enter desired Volume Label**, enter a volume name.
4. In the **Enter Desired Volume Size**, enter the size of the volume.
5. Click **Next**.

✍ **Note**

1. You can enter the desired volume size up to 100MB.
2. The maximum size of the volume depends on the Cryptainer product.

Volume File Name & Location dialog box is displayed.



Create Volume

Volume File Name & Location

The location that you select must have free disk space of at least 25 MB, the Desired Size that you entered on the previous screen.

Select a File Name and Location for the Volume File that will contain your Encrypted Drive:

D:\AK

Free space on drive D:: 205,906 MB (201.1 GB)

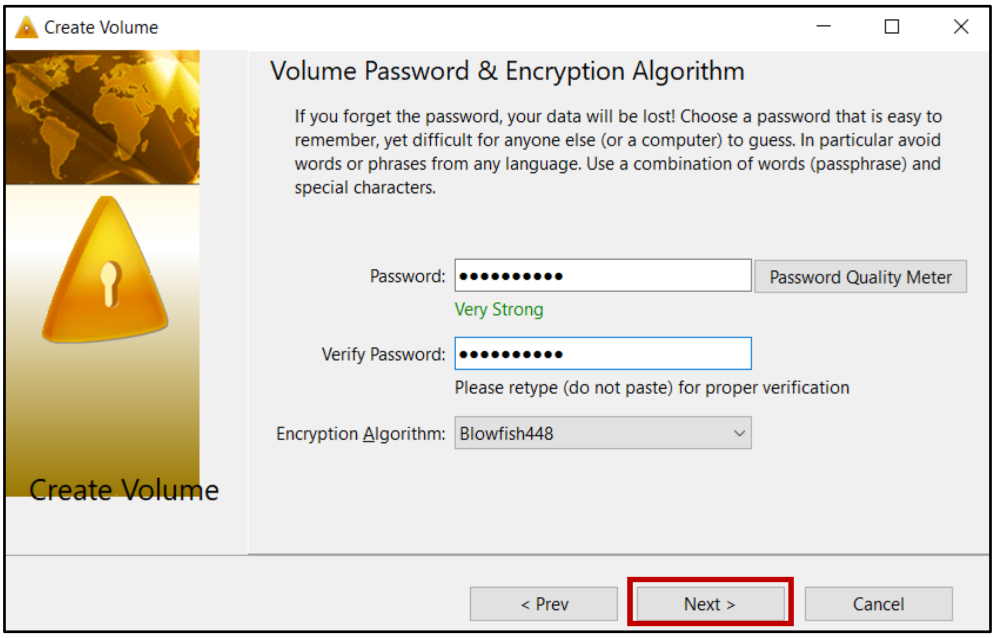
Although Cryptainer preselects a Volume file name and location for you, it is recommended that you use your own file name and location so that you can make its backup copy by copying it directly from Windows Explorer. This will help you recover your Cryptainer volumes in the event of disk crash, Windows corruption or reinstallation.

Figure 19: Selecting Volume File Name & Location

6. Enter a name for the volume file.
7. Click **Browse** to select the location where you want to save the volume file.
8. Click **Next**.

✍ **Note** By default, the file name and location are chosen.

Volume Password & Encryption Algorithm dialog box is displayed.



Volume Password & Encryption Algorithm

If you forget the password, your data will be lost! Choose a password that is easy to remember, yet difficult for anyone else (or a computer) to guess. In particular avoid words or phrases from any language. Use a combination of words (passphrase) and special characters.

Password: ●●●●●●●●●● Password Quality Meter

Very Strong

Verify Password: ●●●●●●●●●●

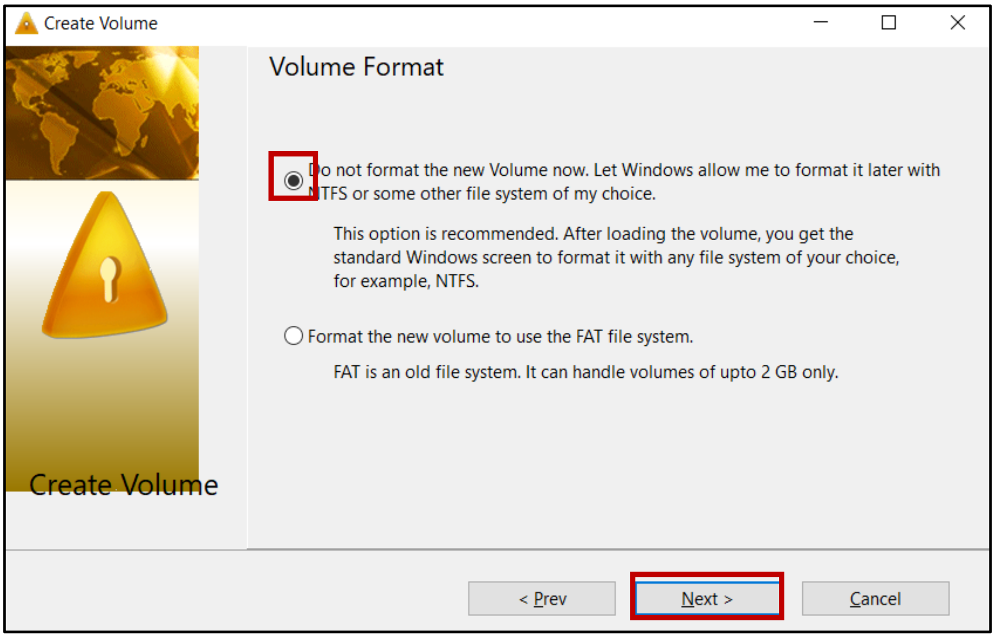
Please retype (do not paste) for proper verification

Encryption Algorithm: Blowfish448

Figure 20: Selecting a Volume Password

9. In the **Password**, enter a password for the volume
10. In the **Verify Password**, enter the same password.
11. Click the **Encryption Algorithm** drop down arrow and click **AES 448** or **Blowfish 448**. By default, it is Blowfish 448.
12. Click **Next**.

Volume Format dialog box is displayed. You can decide if you want to format the new volume later with NTFS file systems or to use the FAT file system.



Volume Format

● Do not format the new Volume now. Let Windows allow me to format it later with NTFS or some other file system of my choice.

This option is recommended. After loading the volume, you get the standard Windows screen to format it with any file system of your choice, for example, NTFS.

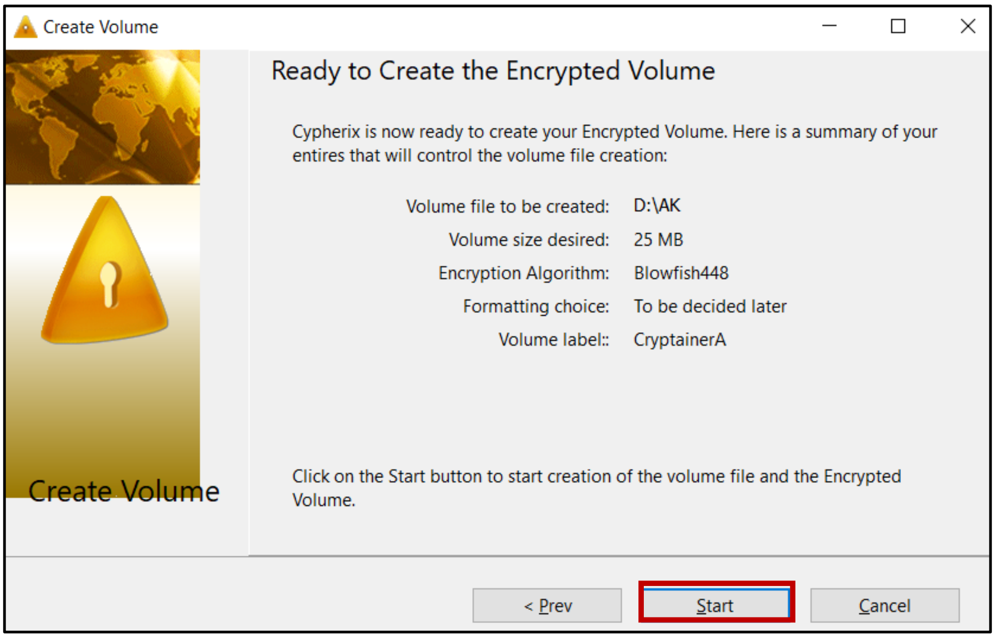
○ Format the new volume to use the FAT file system.

FAT is an old file system. It can handle volumes of upto 2 GB only.

Figure 21: Selecting Volume Format Option

13. Click the required option. The default option is selected.
14. Click **Next**.

Ready to Create the Encrypted Volume dialog box is displayed. Details of the volume like file name, size, encryption algorithm, and so on are displayed.



Ready to Create the Encrypted Volume

Cypherix is now ready to create your Encrypted Volume. Here is a summary of your entires that will control the volume file creation:

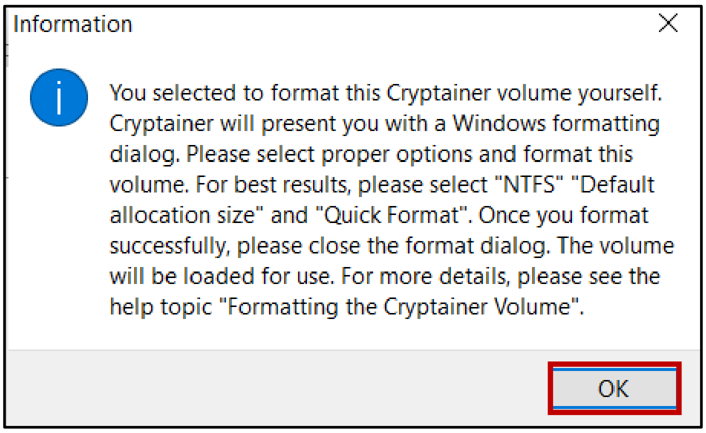
Volume file to be created:	D:\AK
Volume size desired:	25 MB
Encryption Algorithm:	Blowfish448
Formatting choice:	To be decided later
Volume label::	CryptainerA

Click on the Start button to start creation of the volume file and the Encrypted Volume.

Figure 22: Encrypted Volume Details

15. Click **Start** to create the volume file.

An information message about formatting the volume is displayed.



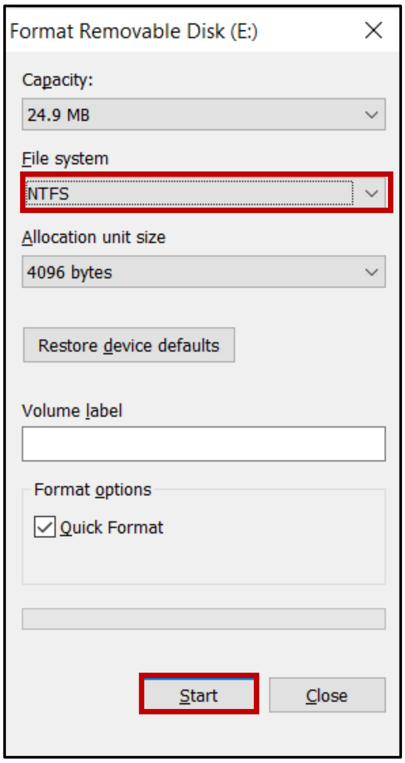
Information

You selected to format this Cryptainer volume yourself. Cryptainer will present you with a Windows formatting dialog. Please select proper options and format this volume. For best results, please select "NTFS" "Default allocation size" and "Quick Format". Once you format successfully, please close the format dialog. The volume will be loaded for use. For more details, please see the help topic "Formatting the Cryptainer Volume".

Figure 23: Information Message

16. Click **OK**.

Format Removable Disk dialog box is displayed.



Format Removable Disk (E:)

Capacity: 24.9 MB

File system: NTFS

Allocation unit size: 4096 bytes

Volume label:

Format options

☑ Quick Format

Figure 24: Formatting Cryptainer Volume

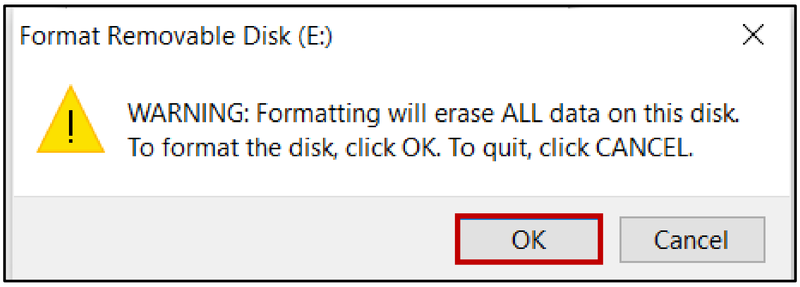
17. Click the **File system** drop down arrow and click **NTFS**.

✍ **Note**

1. It is recommended to choose the NTFS file system.
2. There is no need to enter the Volume Label. By default, the newly created volume is formatted.

18. Select **Quick Format** check box.
19. Click **Start**.

    A warning message is displayed.



Format Removable Disk (E:)

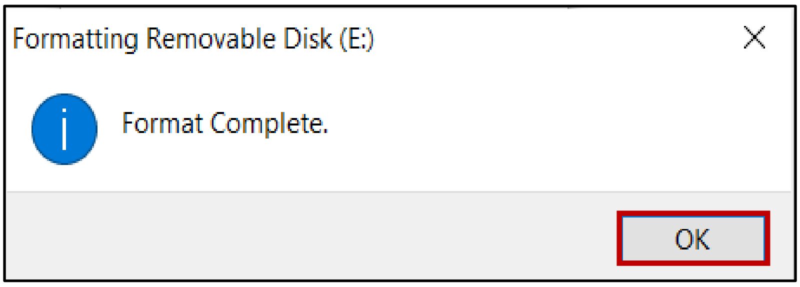
WARNING: Formatting will erase ALL data on this disk.
To format the disk, click OK. To quit, click CANCEL.

Figure 25: Warning Message

20. Click **OK.**

    Formatting of the volume is completed.

    An information message is displayed.

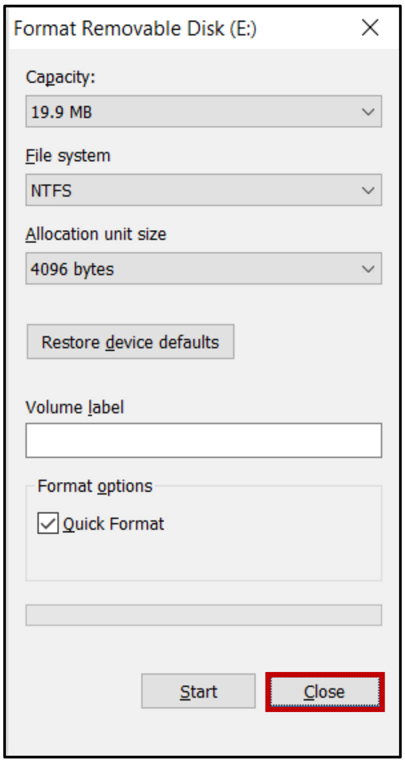


Formatting Removable Disk (E:)

Format Complete.

Figure 26: Formatting Completed

21. Click **OK**.



19.9 MB

NTFS

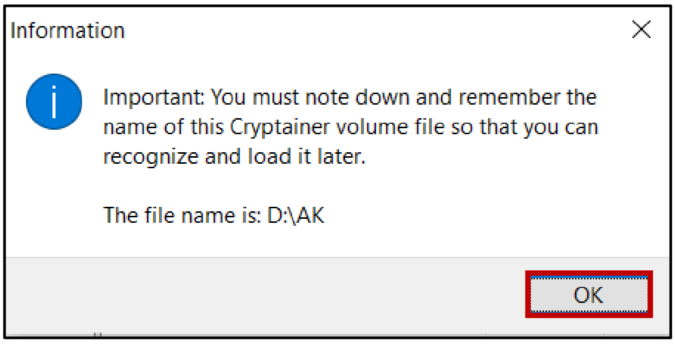
4096 bytes

☑ Quick Format

Figure 27: Closing the Format Removable Disk Dialog Box

22. Close the **Format Removable Disk** dialog box.

An information message is displayed showing the file name and its location.



Important: You must note down and remember the name of this Cryptainer volume file so that you can recognize and load it later.

The file name is: D:\AK

Figure 28: Information Window Displaying File Name

23. Click **OK**.

The volume created is displayed in the Cryptainer LE window.

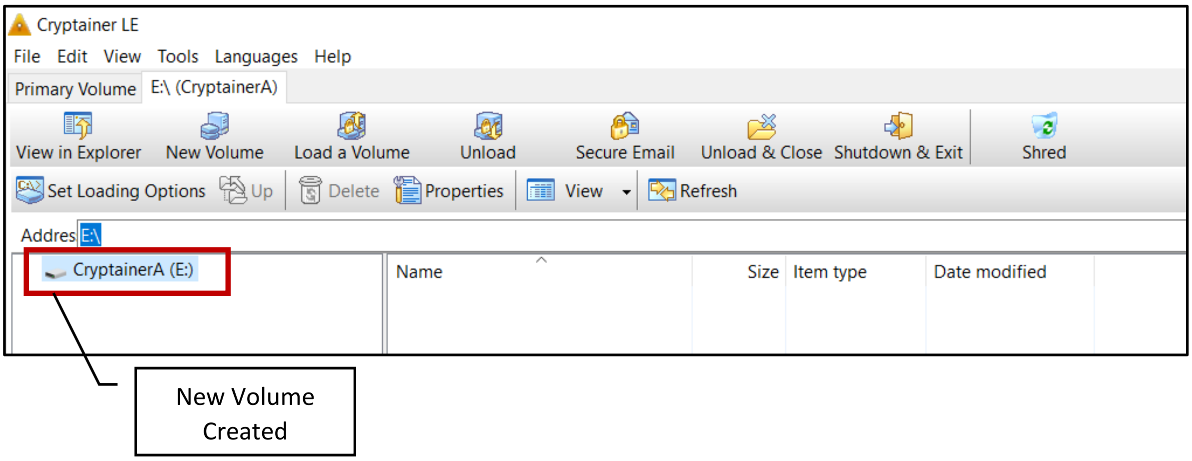


Figure 29: Opening Cryptainer LE

Note You must remember the volume password, volume file location and its name. Otherwise, you can’t access it.

3.2 Loading the Cryptainer Volume

When a volume is created, it must be loaded every time you want to add files to the volume or work with those files. Loading is similar to opening the volume. After working with the volume unload it. Unloading is similar to closing the volume.

To load the Cryptainer volume, follow the steps given below.

1. On the **File** menu, click **Load a Cryptainer Volume**.

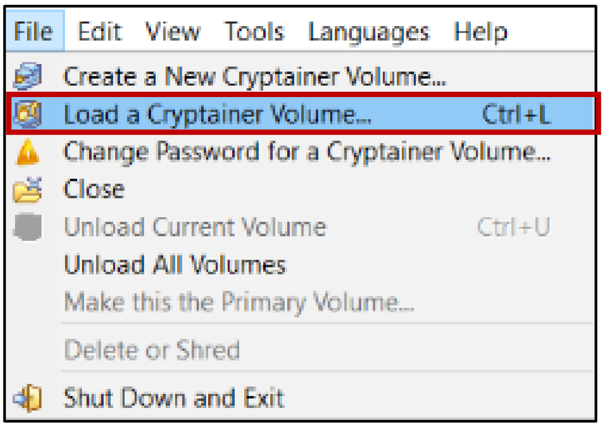
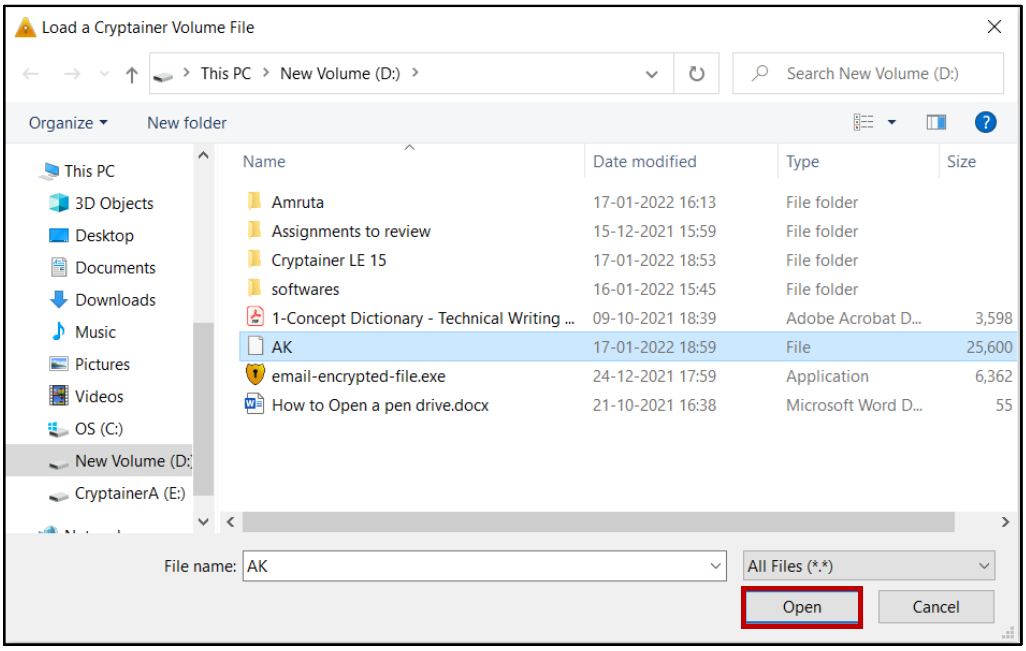

File Edit View Tools Languages Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Close
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 30: Loading Cryptainer LE Volume

Load a Cryptainer Volume File dialog box is displayed.



Name	Date modified	Type	Size
Amruta	17-01-2022 16:13	File folder	
Assignments to review	15-12-2021 15:59	File folder	
Cryptainer LE 15	17-01-2022 18:53	File folder	
softwares	16-01-2022 15:45	File folder	
1-Concept Dictionary - Technical Writing ...	09-10-2021 18:39	Adobe Acrobat D...	3,598
AK	17-01-2022 18:59	File	25,600
email-encrypted-file.exe	24-12-2021 17:59	Application	6,362
How to Open a pen drive.docx	21-10-2021 16:38	Microsoft Word D...	55

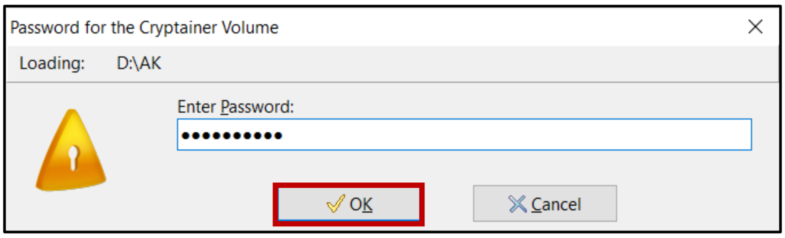
File name: AK

All Files (*.*)

Figure 31: Load Cryptainer Volume File Dialog box

2. In **File name**, enter the volume file name you want to work with.
3. Click **Open**.

   Password for the Cryptainer Volume window is displayed.



Loading: D:\AK

Enter Password: ••••••••••

Figure 32: Entering Volume Password

4. In **Enter Password**, enter the password for the volume and click **OK**.

The volume is seen as a drive on the left side in the Cryptainer window. It is displayed as a drive similar to other drives in the computer.

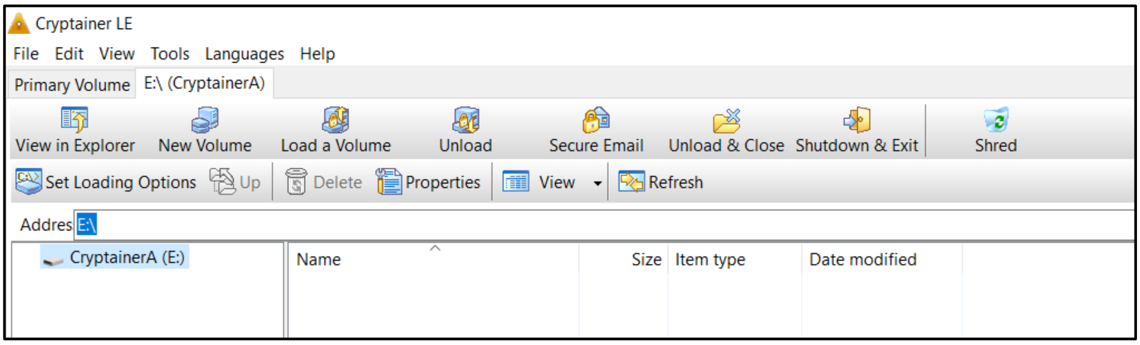


Figure 33: Displaying Cryptainer Drive

The drive can also be seen in **My Computer** similar to other computer drives.

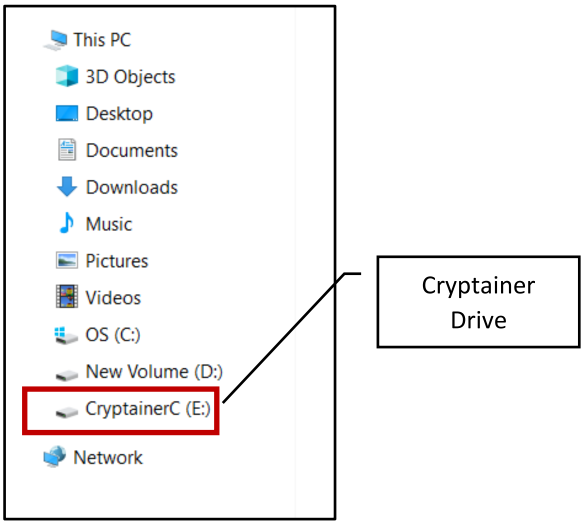


Figure 34: Viewing Cryptainer Drives

✍ **Note** The volume loaded in Cryptainer remains as it is even if you minimize or close the Cryptainer window.

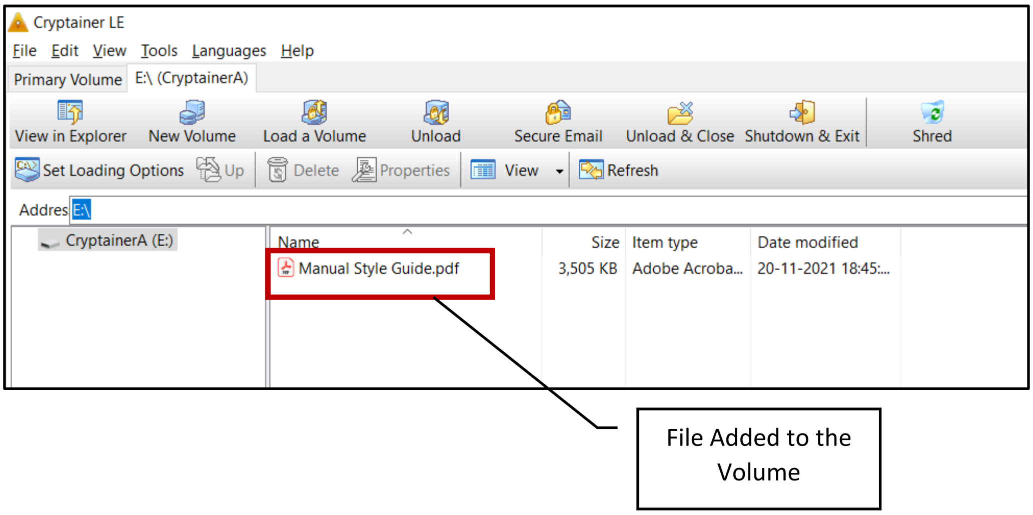
3.3 Adding Files to Volume

Once a volume is loaded, files can be added to it. You can drag and drop any files into the volume.

To add files into the Cryptainer volume, follow the steps given below.

1. Load the volume. See *Loading the Cryptainer Volume* on page 26.
2. Copy and paste the required file into the volume.

   The file saved in the volume is displayed.



Name	Size	Item type	Date modified
Manual Style Guide.pdf	3,505 KB	Adobe Acroba...	20-11-2021 18:45:...

File Added to the Volume

Figure 35: Files Added to the Volume

3.4 Viewing the Volume in Windows Explorer

The Cryptainer volumes can be viewed separately in a Windows Explorer.

To view the volumes in Windows Explorer, follow the steps given below.

1. Open Cryptainer LE.
2. Load the volume. See *Loading the Cryptainer Volume* on page 26.
3. On the toolbar, click the volume you want to view in Widows Explorer.

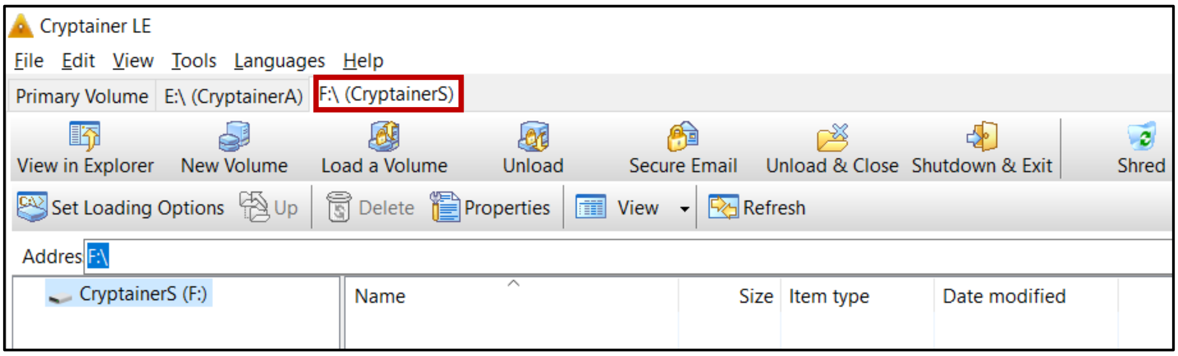


Figure 36: Selecting Volume

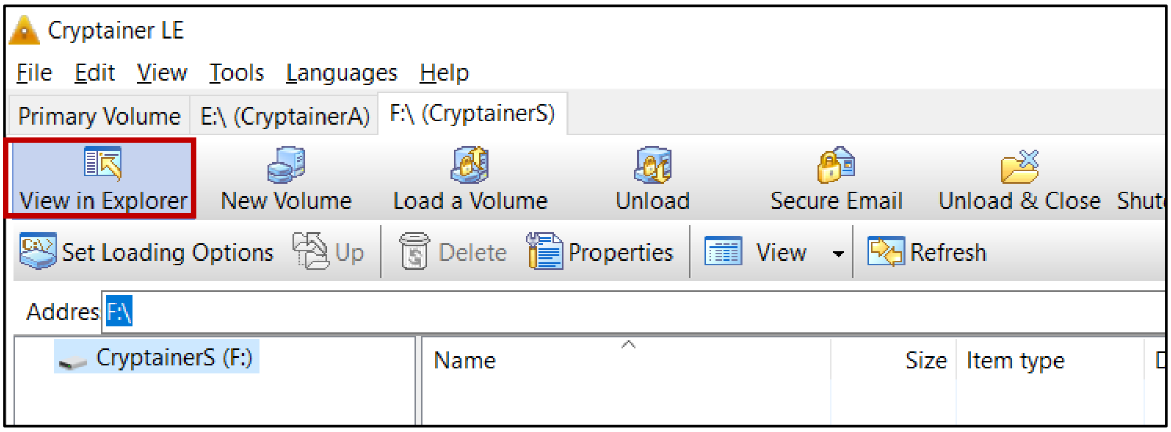
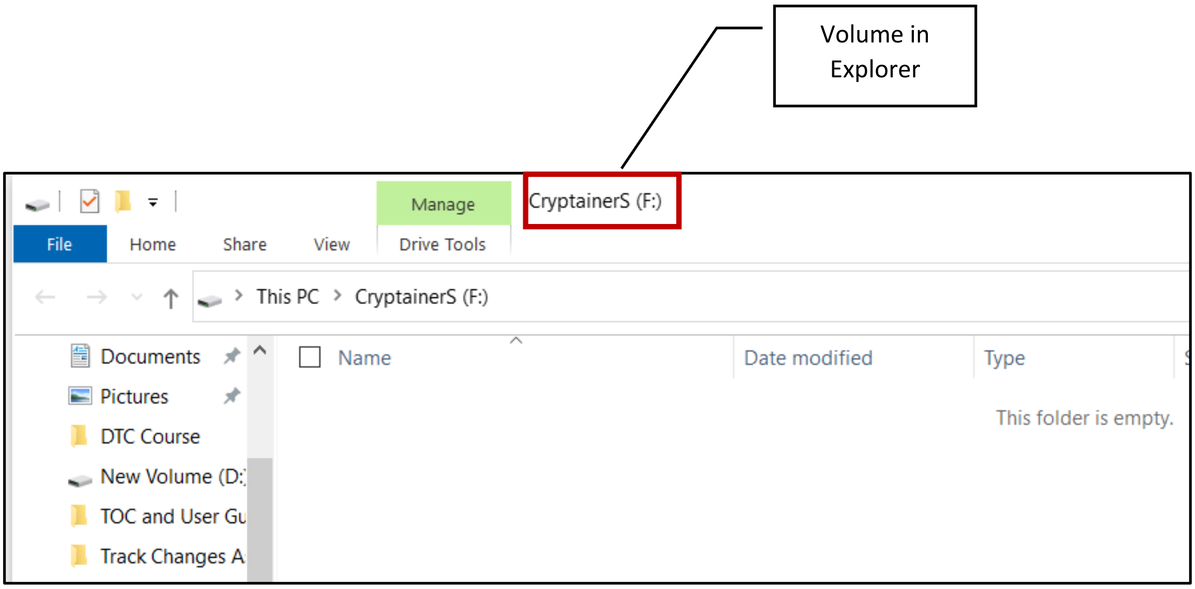


Figure 37: Viewing Volume in Explorer

4. Click **View in Explorer**.
   Volume is opened in a Windows Explorer.

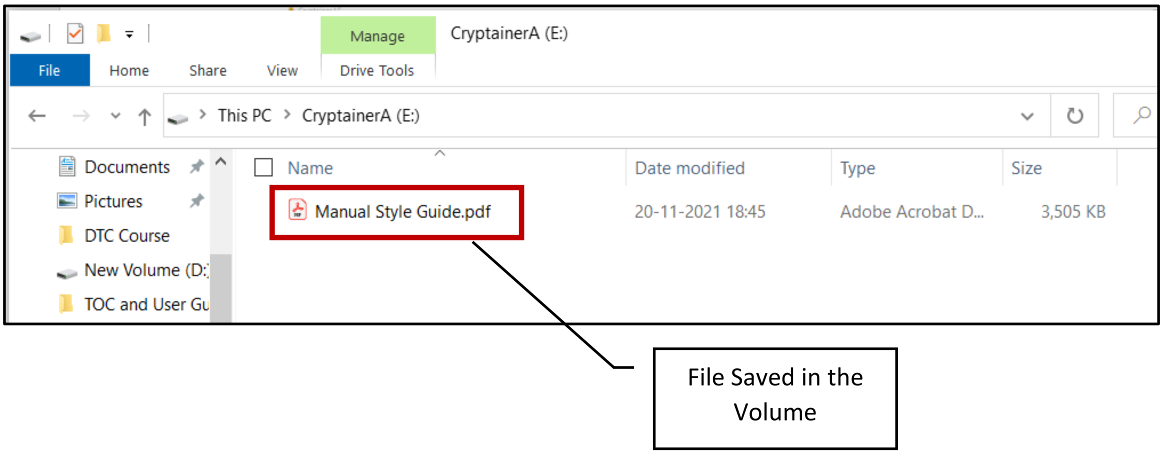


Volume in Explorer

This folder is empty.

Figure 38: Viewing Volume in Explorer

You can work with this drive as you work with any other drive on the computer. All the files saved in the volume are also displayed.



Name	Date modified	Type	Size
Manual Style Guide.pdf	20-11-2021 18:45	Adobe Acrobat D...	3,505 KB

File Saved in the Volume

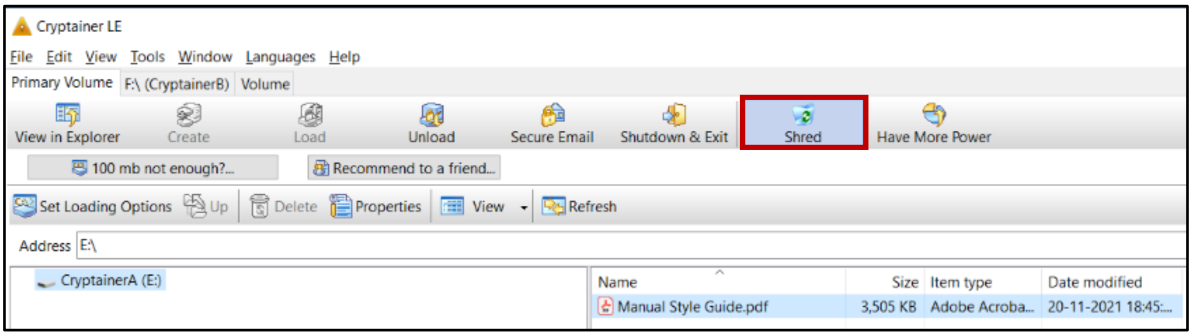
Figure 39: Files saved in the Volume

3.5 Deleting Files from the Volume

You can delete any files which are saved in a volume.

To delete any file from the volume, follow the steps given below.

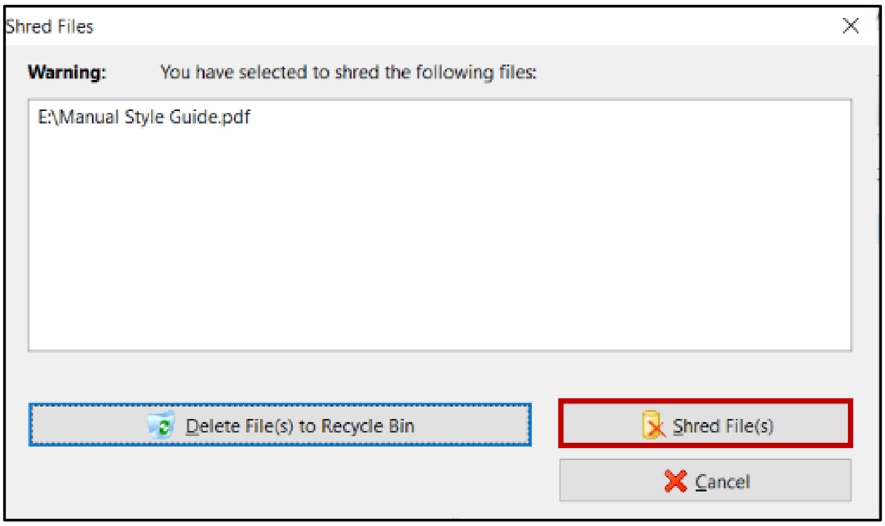
1. Load the volume. See *Loading the Cryptainer Volume page 26.*
2. Click the file which you want to delete.
3. On the Standard Toolbar, click **Shred**.



Name	Size	Item type	Date modified
Manual Style Guide.pdf	3,505 KB	Adobe Acroba...	20-11-2021 18:45:...

Figure 40: Selecting File for Deletion

Shred Files warning window is displayed, displaying the files to be deleted.



Warning: You have selected to shred the following files:

E:\Manual Style Guide.pdf

Figure 41: Deleting File

4. Click **Shred Files**.

The file is deleted from the volume.

Note The shredded files are not saved in the Recycle Bin.

3.6 Unloading the Volume

After working with the volume, unload the volume. When the volume is unloaded, it is not accessible to anyone without the password.

To unload the current volume, follow the steps given below.

- On the **File** menu, click **Unload Current Volume**.

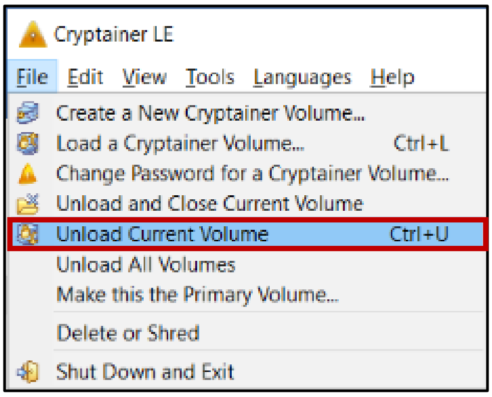

Cryptainer LE
File Edit View Tools Languages Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Unload and Close Current Volume
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 42: Unloading Volume

The volume is unloaded.

3.7 Unloading All Volumes

All the loaded volumes can be unloaded at the same time.
To unload all the volumes, proceed as follows.

- On the **File** menu, click **Unload All Volumes**.

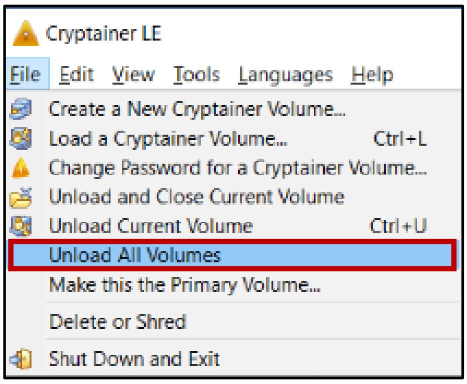

Cryptainer LE
File Edit View Tools Languages Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Unload and Close Current Volume
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 43: Unloading All Volumes

All the loaded volumes are unloaded.

3.8 Unloading and Closing the Volume

After working with the volume, you can unload the volume and close the volume window.

To unload the current volume and close, follow the steps given below.

1. On the **File** menu, click **Unload and Close Current Volume**.

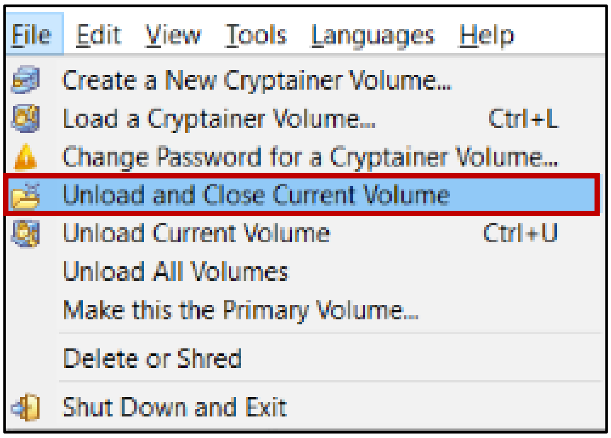
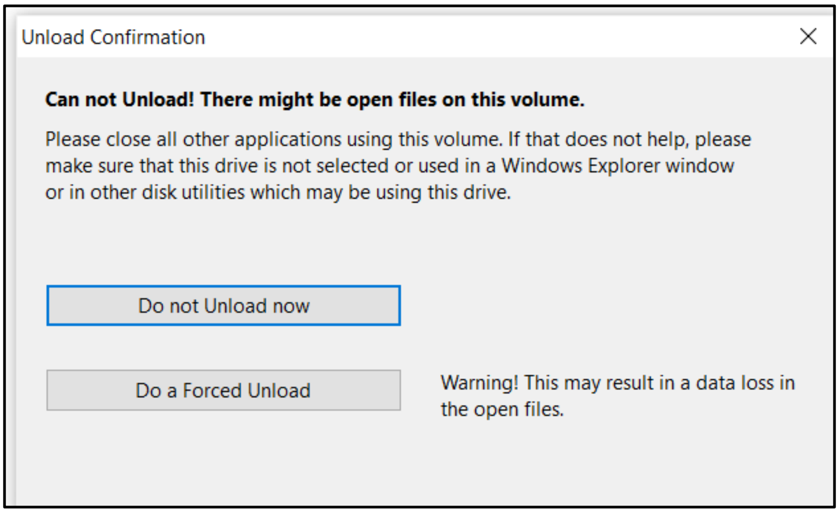

File
Edit
View
Tools
Languages
Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Unload and Close Current Volume
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 44: Unloading & Closing the Volume

The current volume is unloaded, and the volume window is closed. If you are working with any file or program from the volume, and if you try to unload it, following message is displayed.



Unload Confirmation

Can not Unload! There might be open files on this volume.

Please close all other applications using this volume. If that does not help, please make sure that this drive is not selected or used in a Windows Explorer window or in other disk utilities which may be using this drive.

Warning! This may result in a data loss in the open files.

Figure 45: Unload Confirmation

In such case, you can unload the volume later. If you want to unload it now, close the files and unload the volume or do a forced unload.

Note When using this command, you don’t exit from Cryptainer LE. Only the volume window is closed.

3.9 Shutting Down & Exit Cryptainer LE

After working with the volume, you can unload the volume and exit Cryptainer LE.

To shut down and exit, follow the steps given below.

1. On the **File** menu, click **Shut down and Exit**.

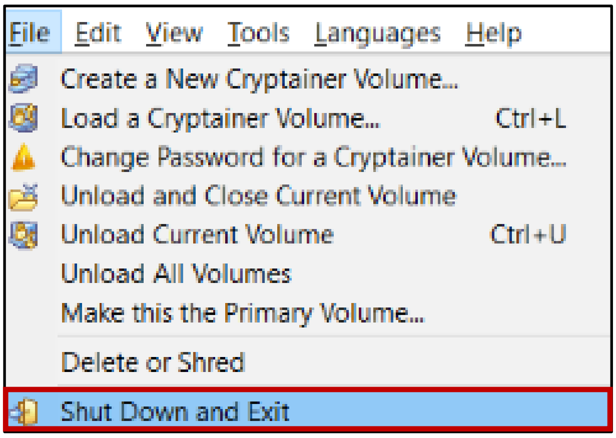

File
Edit
View
Tools
Languages
Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Unload and Close Current Volume
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 46: Shutting Down & Exiting Cryptainer LE

The volume is unloaded, and you exit from Cryptainer LE.

4 Working with Cryptainer Volumes

Cryptainer LE offers additional functions. These include creating multiple volumes, sending encrypted files over email, and so on.

4.1 Creating Multiple Volumes

If multiple users work on the same machine, they can create their individual volumes to encrypt the files. They can access their volume but do not have access to other volumes.

The advantages of having multiple volumes are listed below.

- Any number of volumes can be created.
- Storage space is increased.
- Files can be saved in any accessible volume.
- Different volumes can be created by multiple users.

To create multiple volumes, proceed as follows.

- On the **Tools** menu, click **Additional Cryptainer Volumes**.

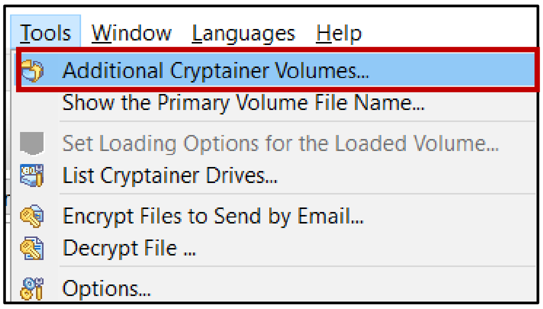

Tools
Window
Languages
Help
Additional Cryptainer Volumes...
Show the Primary Volume File Name...
Set Loading Options for the Loaded Volume...
List Cryptainer Drives...
Encrypt Files to Send by Email...
Decrypt File ...
Options...

Figure 47: Creating Multiple Volumes

The rest of the procedure is similar to that of creating a new volume. See *Creating & Formatting Cryptainer Volume* on page 18.

Note Remember the volume file names and location for later use.

Multiple volumes are displayed on the Cryptainer toolbar.

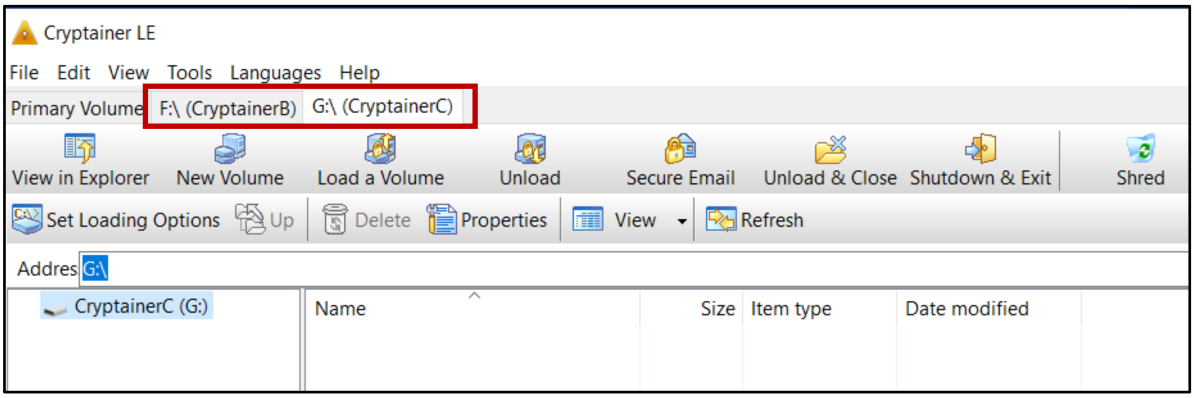

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume F:\ (CryptainerB) G:\ (CryptainerC)
View in Explorer New Volume Load a Volume Unload Secure Email Unload & Close Shutdown & Exit Shred
Set Loading Options Up Delete Properties View Refresh
Addres G:\
CryptainerC (G:)
Name Size Item type Date modified

Figure 48: Displaying Multiple Volumes

When you click a volume on the toolbar, that particular volume is opened.

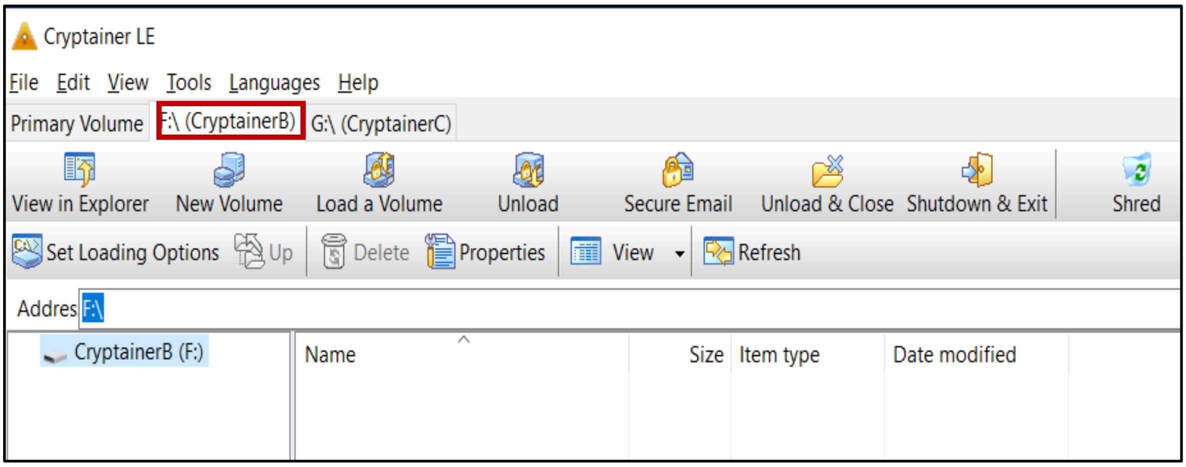

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume F:\ (CryptainerB) G:\ (CryptainerC)
View in Explorer New Volume Load a Volume Unload Secure Email Unload & Close Shutdown & Exit Shred
Set Loading Options Up Delete Properties View Refresh
Addres F:\
CryptainerB (F:)
Name Size Item type Date modified

Figure 49: Displaying Multiple Volumes

✍ **Note** You can make any secondary volume as your primary volume. To do so, go to File menu and click Make this the Primary Volume. For a primary volume, you don’t need to remember the volume file name.

4.2 Securing Emails

An attachment file sent over an email needs to be encrypted. The sender can encrypt the attachment file, and the recipient can decrypt the file. For encrypting a file, the sender uses a password. For decrypting the file, the same password is needed.

4.2.1 Encrypting a File

To encrypt a file for email, follow the steps given below.

1. Open Cryptainer LE.
2. On the **Tools** menu, click **Encrypt File to Send by Email**.

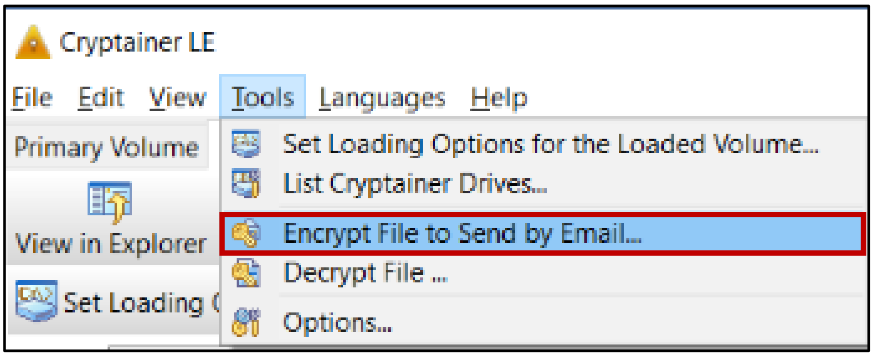
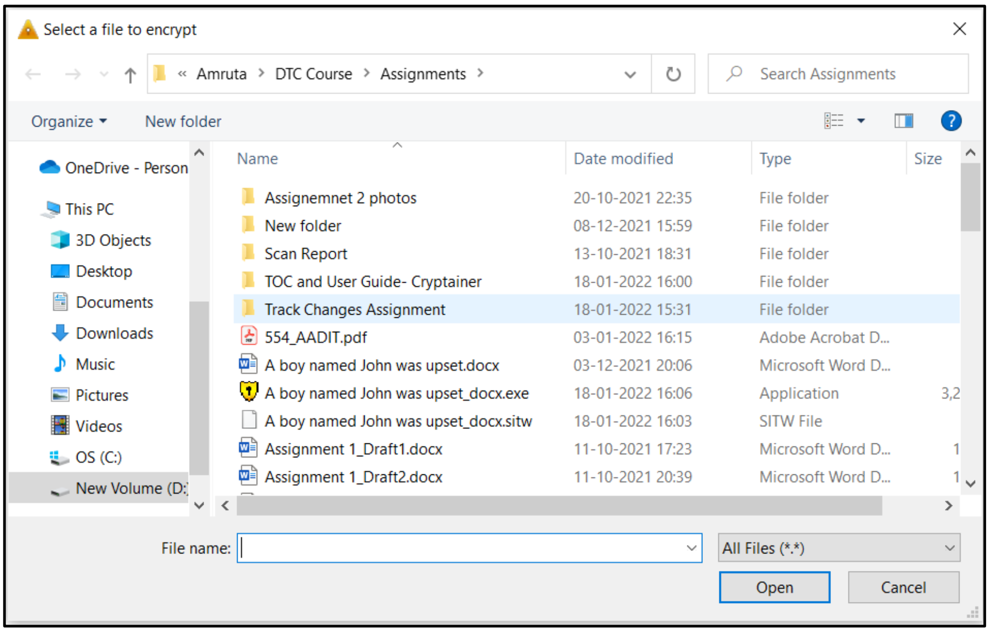


Figure 50: Encrypting File to Send by Email

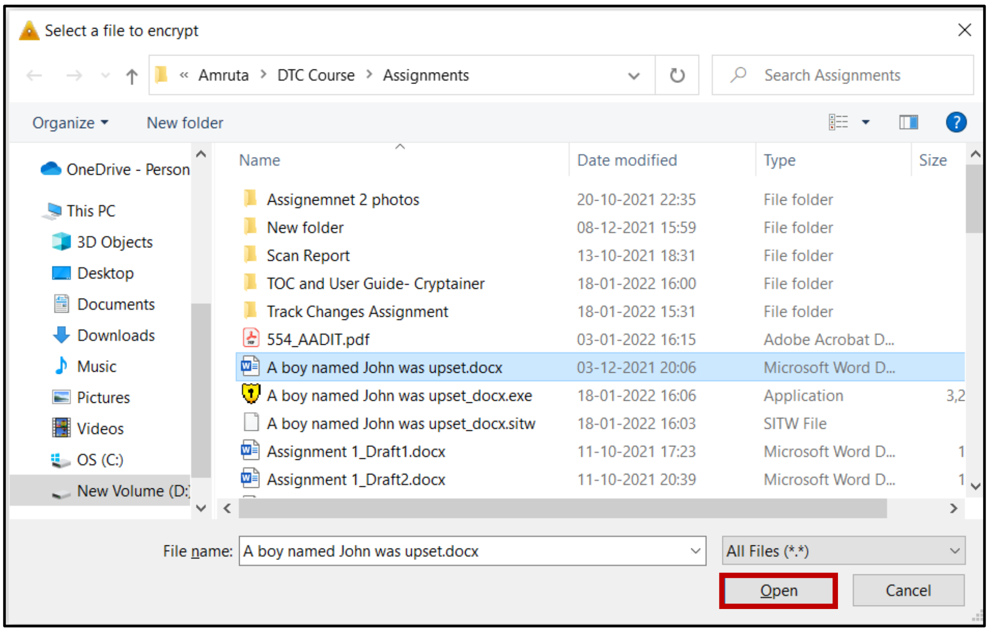
Select a File to encrypt dialog box is displayed.



Name	Date modified	Type	Size
Assignemnet 2 photos	20-10-2021 22:35	File folder	
New folder	08-12-2021 15:59	File folder	
Scan Report	13-10-2021 18:31	File folder	
TOC and User Guide- Cryptainer	18-01-2022 16:00	File folder	
Track Changes Assignment	18-01-2022 15:31	File folder	
554_AADIT.pdf	03-01-2022 16:15	Adobe Acrobat D...	
A boy named John was upset.docx	03-12-2021 20:06	Microsoft Word D...	
A boy named John was upset_docx.exe	18-01-2022 16:06	Application	3,2
A boy named John was upset_docx.sitw	18-01-2022 16:03	SITW File	
Assignment 1_Draft1.docx	11-10-2021 17:23	Microsoft Word D...	1
Assignment 1_Draft2.docx	11-10-2021 20:39	Microsoft Word D...	1

Figure 51: Selecting File for Encryption

3. In the **File Name**, enter the name of the file that you want to encrypt.



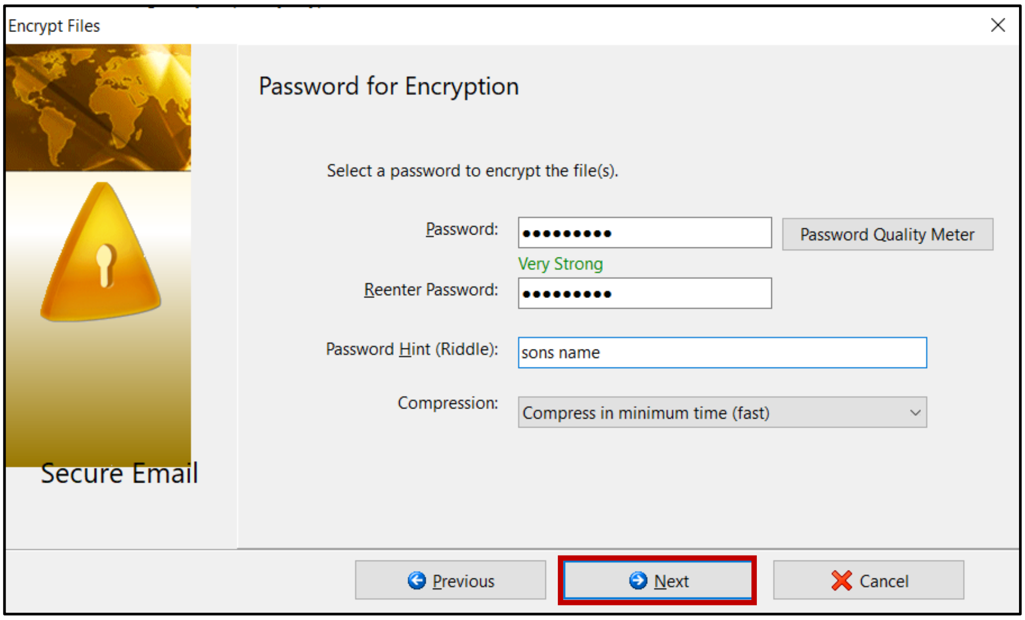
Name	Date modified	Type	Size
Assignemnet 2 photos	20-10-2021 22:35	File folder	
New folder	08-12-2021 15:59	File folder	
Scan Report	13-10-2021 18:31	File folder	
TOC and User Guide- Cryptainer	18-01-2022 16:00	File folder	
Track Changes Assignment	18-01-2022 15:31	File folder	
554_AADIT.pdf	03-01-2022 16:15	Adobe Acrobat D...	
A boy named John was upset.docx	03-12-2021 20:06	Microsoft Word D...	
A boy named John was upset_docx.exe	18-01-2022 16:06	Application	3,2
A boy named John was upset_docx.sitw	18-01-2022 16:03	SITW File	
Assignment 1_Draft1.docx	11-10-2021 17:23	Microsoft Word D...	1
Assignment 1_Draft2.docx	11-10-2021 20:39	Microsoft Word D...	1

File name: A boy named John was upset.docx

Figure 52: File for Encryption

4. Click **Open**.

Password for Encryption dialog box is displayed.



Password for Encryption

Select a password to encrypt the file(s).

Password: •••••••••

Very Strong

Reenter Password: •••••••••

Password Hint (Riddle): sons name

Compression: Compress in minimum time (fast)

Figure 53: Selecting Password for Encryption

5. In the **Password**, enter a password for encrypting the file.

Note Remember the encryption password. The same password is needed for decrypting the file.

6. In the **Reenter Password**, enter the password again.
7. In the **Password Hint**, type a hint to help you remember the password.

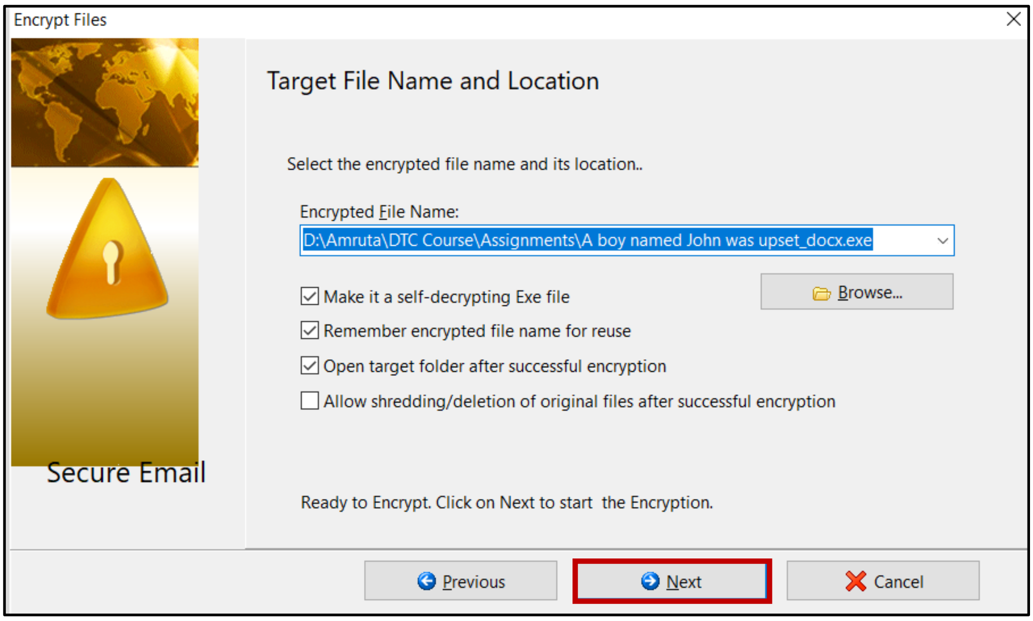
Note The recipient of the email needs to be given the password by the sender.

8. Click the **Compression** drop down arrow and click **Compression in minimum time (fast)**.

Note Different options for compression of the attachments can be chosen. By default, Compression in minimum time (fast) is selected.

9. Click **Next**.

   Target File Name & Location dialog box is displayed.


Encrypt Files

Target File Name and Location

Select the encrypted file name and its location..

Encrypted File Name: D:\Amruta\DTC Course\Assignments\A boy named John was upset_docx.exe

☑ Make it a self-decrypting Exe file
☑ Remember encrypted file name for reuse
☑ Open target folder after successful encryption
☐ Allow shredding/deletion of original files after successful encryption

Ready to Encrypt. Click on Next to start the Encryption.

Figure 54: File Name & Location for Encrypted File

10. In the **Encrypted File Name**, enter a name for the encrypted file.
11. Click **Browse** to select the location where you want to save the encrypted file.

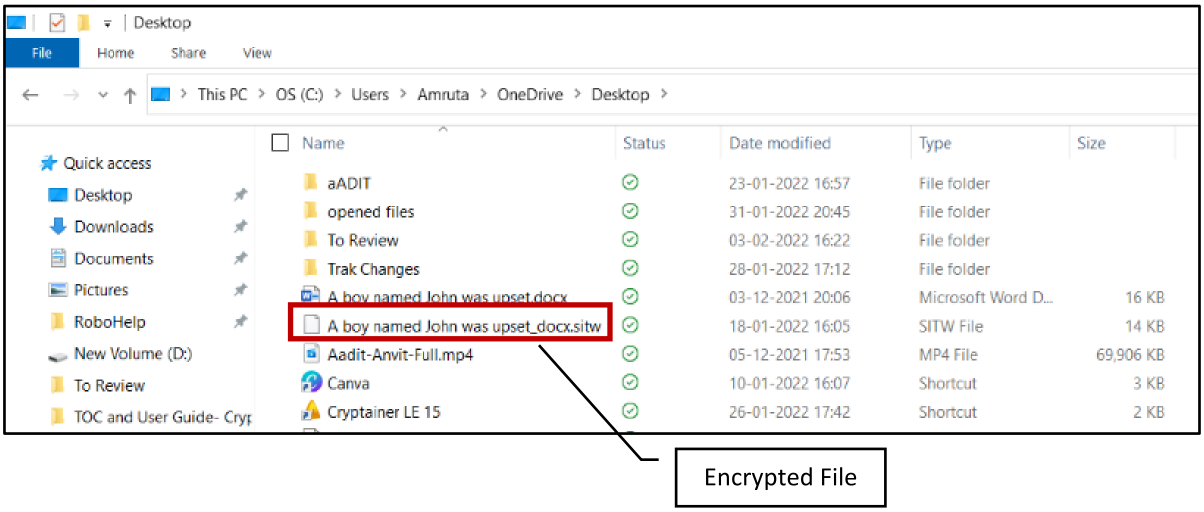
Note
1. By default, the name and the location of the original and the encrypted file are the same.
2. You can select or clear the checkboxes according to your preferences. See ***Table** 5: Encrypting File Options* on page 41.

Table 5: Encrypting File Options

Checkbox	Description
Make it a self-decrypting Exe file	Select if you want the encrypted file to be an exe file which can be decrypted without installing Cryptainer LE.
Remember encrypted file name for reuse	Select if you want the encrypted file name to be remembered.
Open target folder after successful encryption	Select if you want to automatically open the target folder after encryption.
Allow shredding/deletion of original files after successful encryption	Select if you want to delete the original file after encrypting it.

12. Click **Next**.

    Documents window is opened showing the encrypted file.



☐ Name	Status	Date modified	Type	Size
aADIT	✓	23-01-2022 16:57	File folder	
opened files	✓	31-01-2022 20:45	File folder	
To Review	✓	03-02-2022 16:22	File folder	
Trak Changes	✓	28-01-2022 17:12	File folder	
A boy named John was upset.docx	✓	03-12-2021 20:06	Microsoft Word D...	16 KB
A boy named John was upset_docx.sitw	✓	18-01-2022 16:05	SITW File	14 KB
Aadit-Anvit-Full.mp4	✓	05-12-2021 17:53	MP4 File	69,906 KB
Canva	✓	10-01-2022 16:07	Shortcut	3 KB
Cryptainer LE 15	✓	26-01-2022 17:42	Shortcut	2 KB

Figure 55: Encrypted Email File

13. Send the file as an email attachment.

4.2.2 Decrypting a File

The recipient receives the email along with the encrypted file attachment. The recipient needs to know the password for decrypting the attachment file for decryption.

To decrypt a file, follow the steps given below.

1. On the **Tools** menu, click **Decrypt File**.

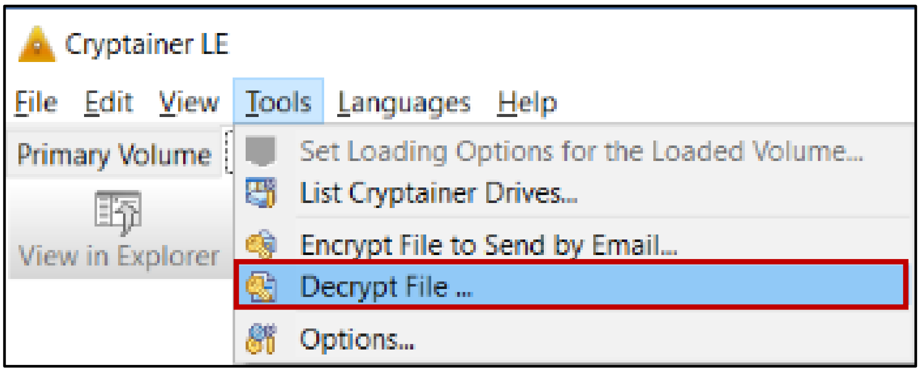
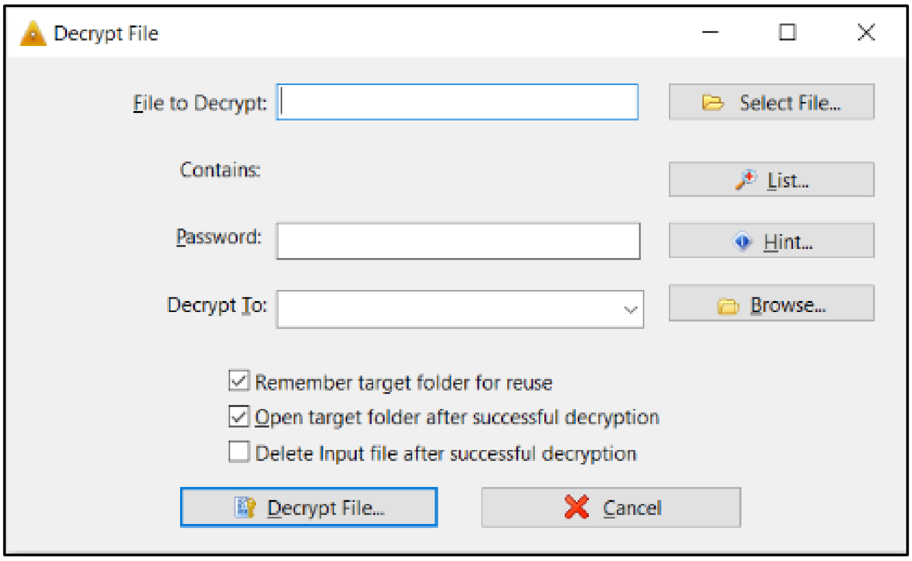

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume
View in Explorer
Set Loading Options for the Loaded Volume...
List Cryptainer Drives...
Encrypt File to Send by Email...
Decrypt File ...
Options...

Figure 56: Decrypting a File

Decrypt File dialog box is displayed.



☑ Remember target folder for reuse
☑ Open target folder after successful decryption
□ Delete Input file after successful decryption

Figure 57: Selecting File for Decrypting

2. In the **File to Decrypt**, enter the file name which needs to be decrypted.
3. In the **Password**, enter the password used to encrypt the same file.

Note If the password is forgotten, click Hint.

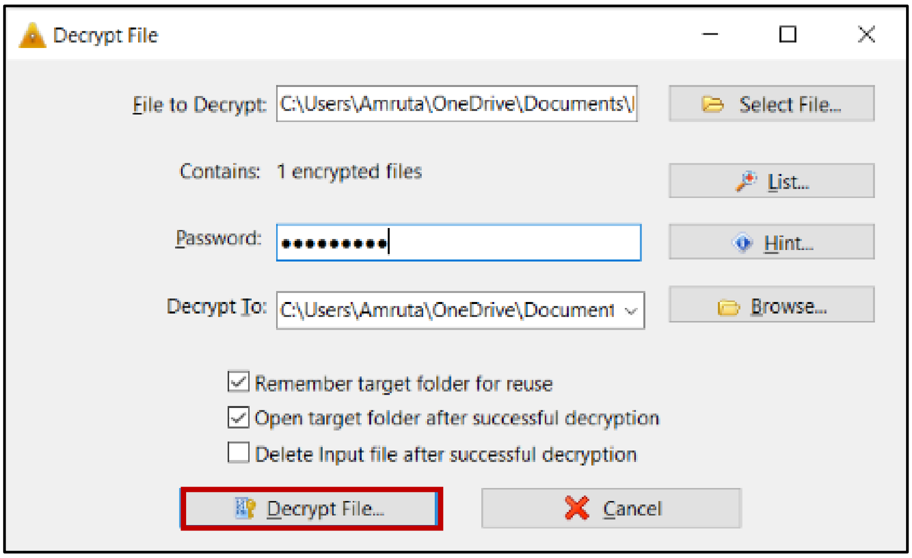
4. In the **Decrypt To**, enter the location where the file needs to be decrypted and saved.

✍ **Note**

1. By default, the location of the encrypted file is chosen as the location of the decrypted file.
2. You can select or clear the checkboxes according to your preferences. See *Table 6* on page 43.

Table 6: Decrypting File Options

Checkbox	Description
Remember target folder for reuse	Select if you want to remember the folder name for later use.
Open target folder after successful decryption	Select if you want to automatically open the target folder after decryption.
Delete input file after successful decryption	Select if you want to delete the encrypted file after decryption.



Decrypt File

File to Decrypt: C:\Users\Amruta\OneDrive\Documents\

Contains: 1 encrypted files

Password: ●●●●●●●●●

Decrypt To: C:\Users\Amruta\OneDrive\Document

☑ Remember target folder for reuse

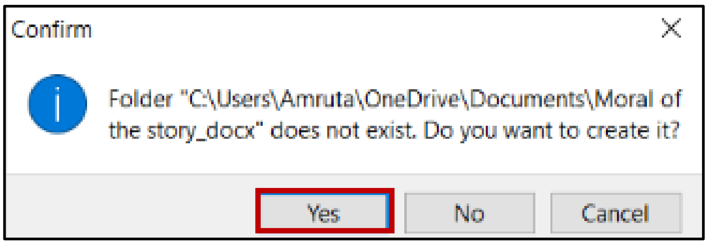
☑ Open target folder after successful decryption

☐ Delete Input file after successful decryption

Figure 58: Entering Password for Decryption

6. Click **Decrypt File**.

   A Confirmation message is displayed.



Confirm

Folder "C:\Users\Amruta\OneDrive\Documents\Moral of the story_docx" does not exist. Do you want to create it?

Figure 59: Confirmation Message for Decryption

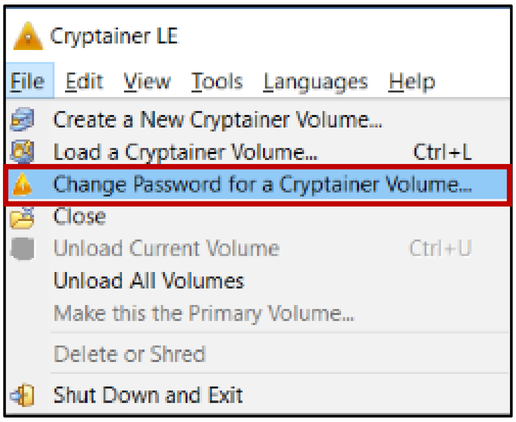
7. Click **Yes**.
   The folder is opened, showing the decrypted file.

4.3 Changing Cryptainer Volume Password

You can change the password for any volume in Cryptainer LE.

To change the Cryptainer volume password, follow the steps given below.

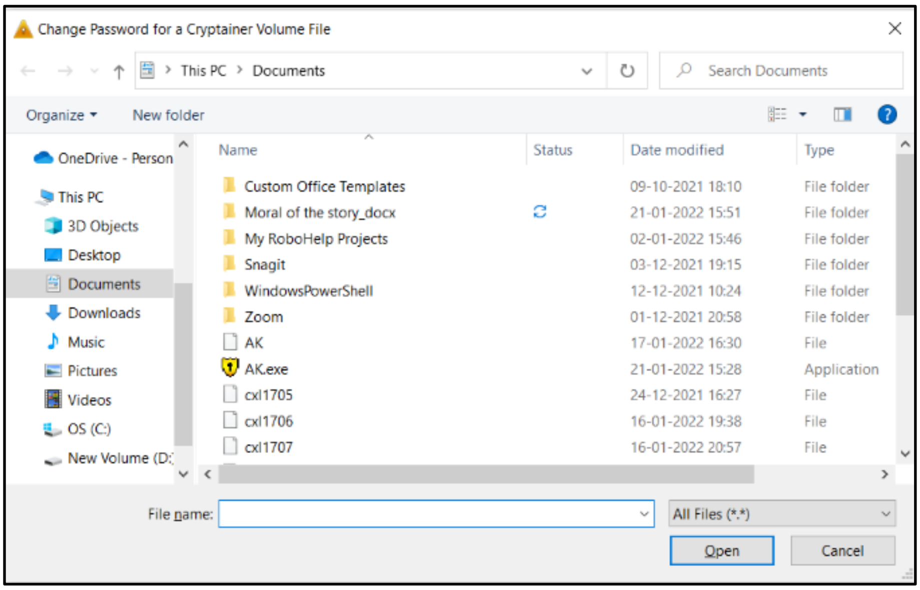
1. On the **File** menu, click **Change Password for a Cryptainer Volume**.



Cryptainer LE
File Edit View Tools Languages Help
Create a New Cryptainer Volume...
Load a Cryptainer Volume... Ctrl+L
Change Password for a Cryptainer Volume...
Close
Unload Current Volume Ctrl+U
Unload All Volumes
Make this the Primary Volume...
Delete or Shred
Shut Down and Exit

Figure 60: Changing Password

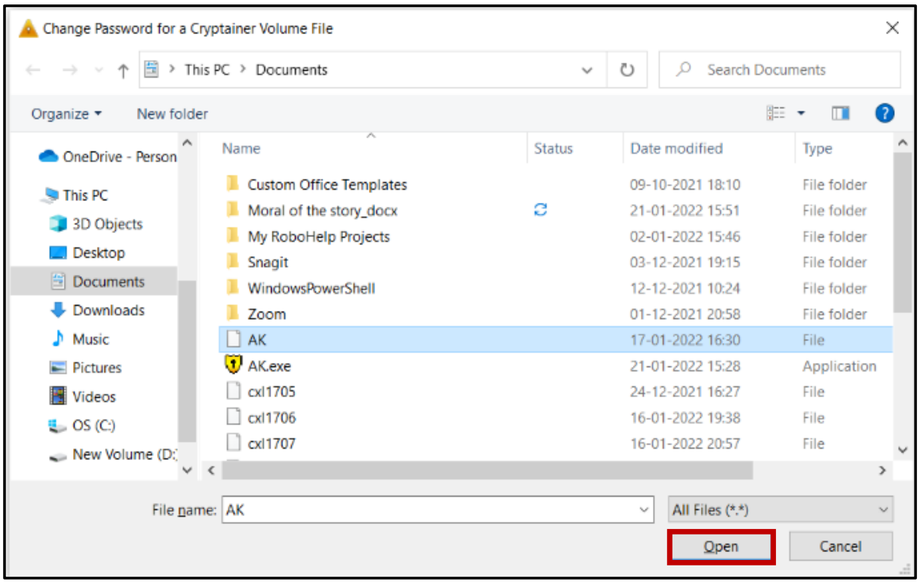
Change Password for a Cryptainer Volume File dialog box is displayed.



Name	Status	Date modified	Type
Custom Office Templates		09-10-2021 18:10	File folder
Moral of the story_docx		21-01-2022 15:51	File folder
My RoboHelp Projects		02-01-2022 15:46	File folder
Snagit		03-12-2021 19:15	File folder
WindowsPowerShell		12-12-2021 10:24	File folder
Zoom		01-12-2021 20:58	File folder
AK		17-01-2022 16:30	File
AK.exe		21-01-2022 15:28	Application
cxl1705		24-12-2021 16:27	File
cxl1706		16-01-2022 19:38	File
cxl1707		16-01-2022 20:57	File

Figure 61: Selecting Volume File

2. In **File Name**, enter the name of the volume file.



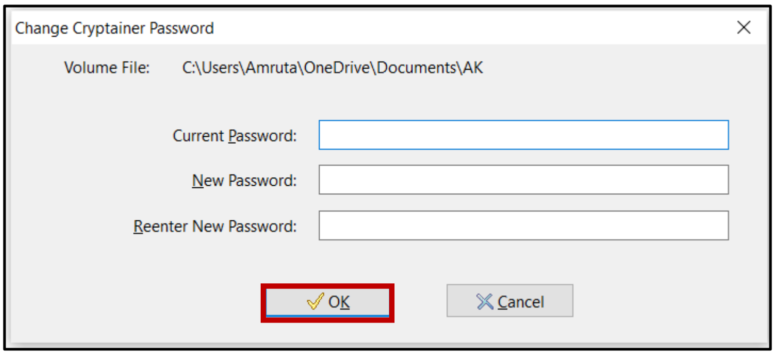
Name	Status	Date modified	Type
Custom Office Templates		09-10-2021 18:10	File folder
Moral of the story_docx		21-01-2022 15:51	File folder
My RoboHelp Projects		02-01-2022 15:46	File folder
Snagit		03-12-2021 19:15	File folder
WindowsPowerShell		12-12-2021 10:24	File folder
Zoom		01-12-2021 20:58	File folder
AK		17-01-2022 16:30	File
AK.exe		21-01-2022 15:28	Application
cxl1705		24-12-2021 16:27	File
cxl1706		16-01-2022 19:38	File
cxl1707		16-01-2022 20:57	File

File name: AK

Figure 62: Volume File for Password Change

3. Click **Open**.

Change Cryptainer Password dialog box is displayed.



Change Cryptainer Password

Volume File: C:\Users\Amruta\OneDrive\Documents\AK

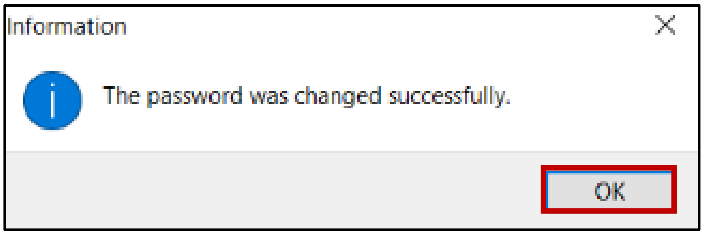
Current Password:

New Password:

Reenter New Password:

Figure 63: Changing Volume Password

4. In the **Current Password**, enter the current password for the volume
5. In the **New Password**, enter the new password.
6. In the **Reenter New Password**, enter the new password again.
7. Click **OK**.
   A confirmation message is displayed.



Information

The password was changed successfully.

Figure 64: Confirmation for Password Change

8. Click **OK**.

4.4 Listing Cryptainer Drives

Many volumes might be active at the same time. You can see a list of all the loaded volumes.

To view which volumes are currently loaded proceed as follows.

- On the **Tools** menu, click **List Cryptainer Drives**.

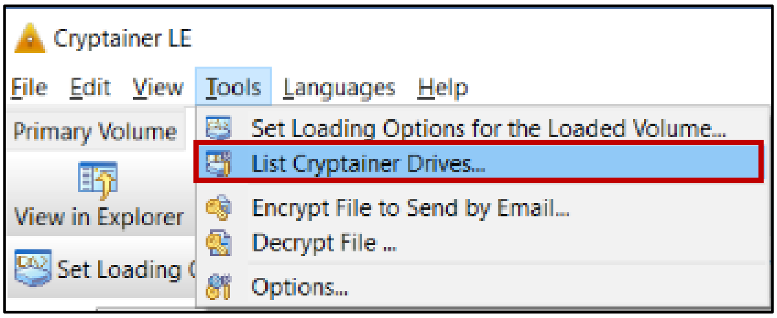

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume
View in Explorer
Set Loading
Set Loading Options for the Loaded Volume...
List Cryptainer Drives...
Encrypt File to Send by Email...
Decrypt File ...
Options...

Figure 65: Listing Cryptainer Drives

All the loaded Cryptainer volumes are listed as drives.

Note The letters for the drives are chosen by default.

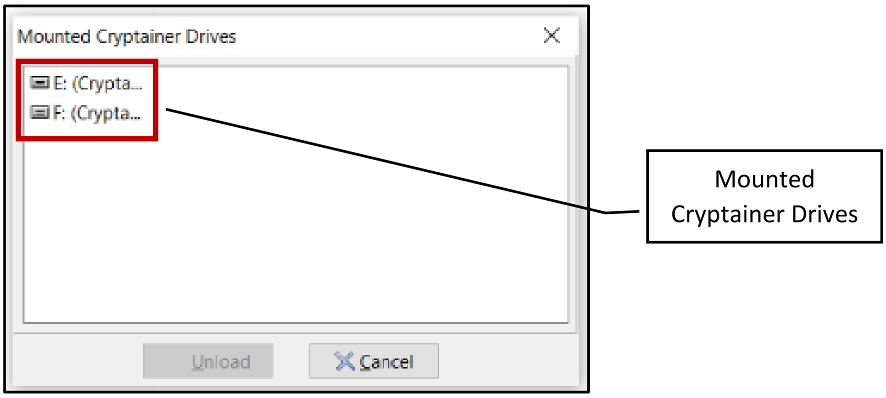


Figure 66: Mounted Cryptainer Drives

4.5 Changing the Drive letter

By default, the volume files displayed as drives have some letters assigned to them. To change a drive letter for the current volume, follow the steps given below.

1. On the **Tools** menu, click **Set Loading options for the Loaded Volume**.

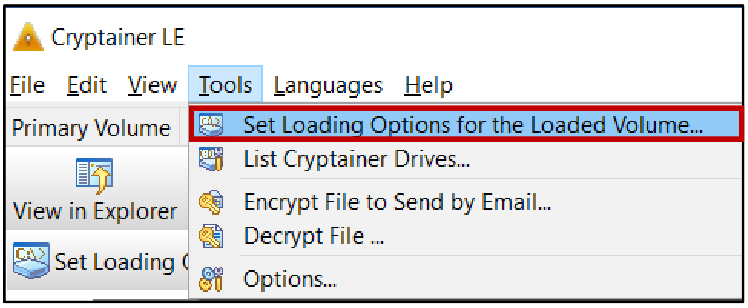
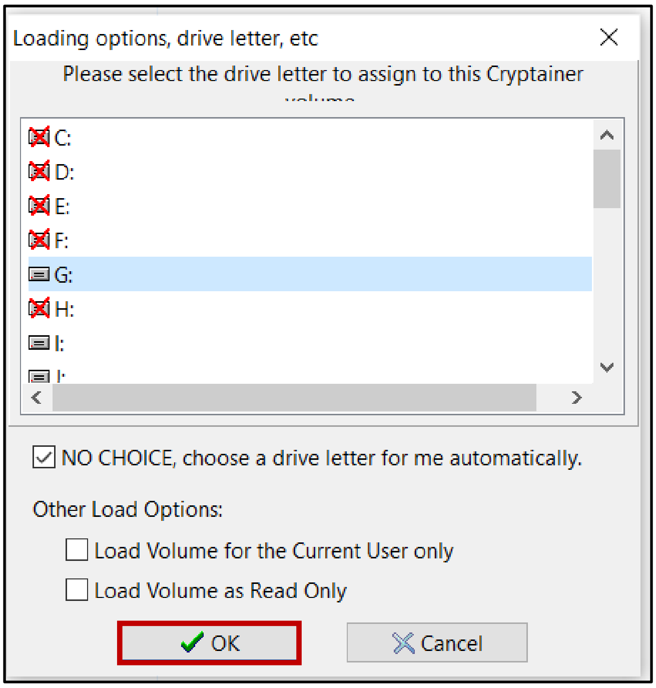

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume
View in Explorer
Set Loading (
Set Loading Options for the Loaded Volume...
List Cryptainer Drives...
Encrypt File to Send by Email...
Decrypt File ...
Options...

Figure 67: Changing Volume Drive Letter

Loading Options window is displayed.


Loading options, drive letter, etc

Please select the drive letter to assign to this Cryptainer volume

☒ C:
☒ D:
☒ E:
☒ F:
G:
☒ H:
I:
J:

☑ NO CHOICE, choose a drive letter for me automatically.

Other Load Options:

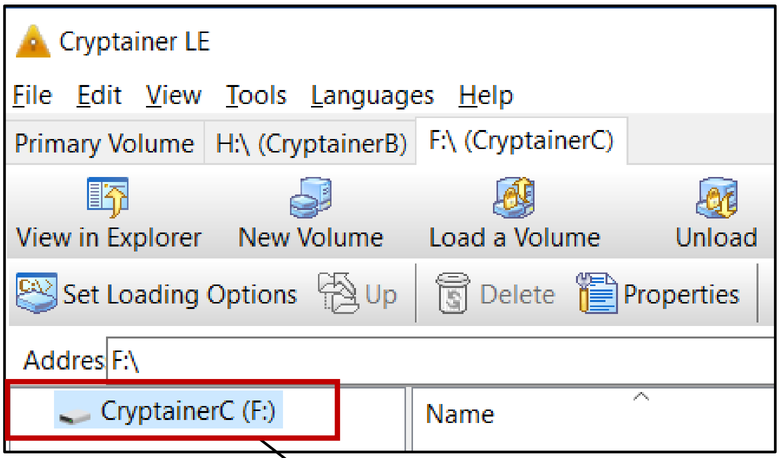
☐ Load Volume for the Current User only
☐ Load Volume as Read Only

Figure 68: Selecting a Drive Letter for the Volume

The letters marked with a cross are already used and cannot be selected.

2. Click any available letter from the list for the current volume.
3. Click **OK**.

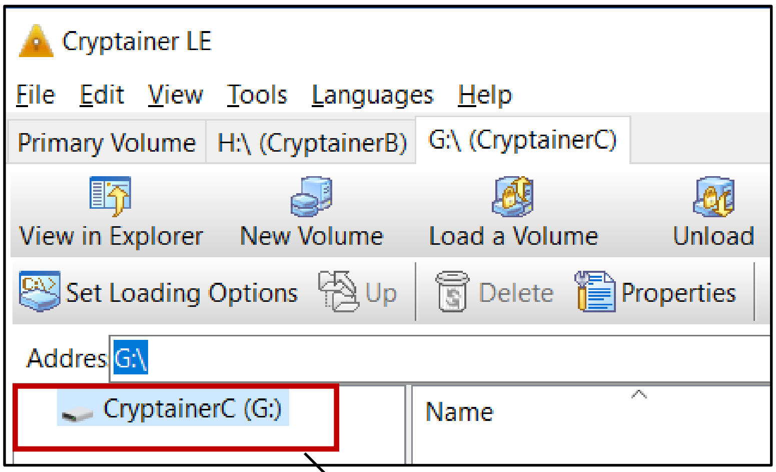
The drive letter for the current volume is changed. It is displayed next time the volume is loaded.



Addres F:\

Volume before Changing Drive Letter

Figure 69: Volume Drive before Changing the Drive Letter



Addres G:\

Volume after changing the Drive Letter

Figure 70: Volume Drive after Changing the Drive Letter

4.6 Viewing the Properties of the Volume

Any loaded volume can be used similar to other drives in the computer. Its properties like the size of the memory, used space, available space, and file system can be viewed.

To view the properties of the current volume, follow the steps given below.

1. Click the volume of which you want to view the properties.
2. On the Standard toolbar, click **Properties**.

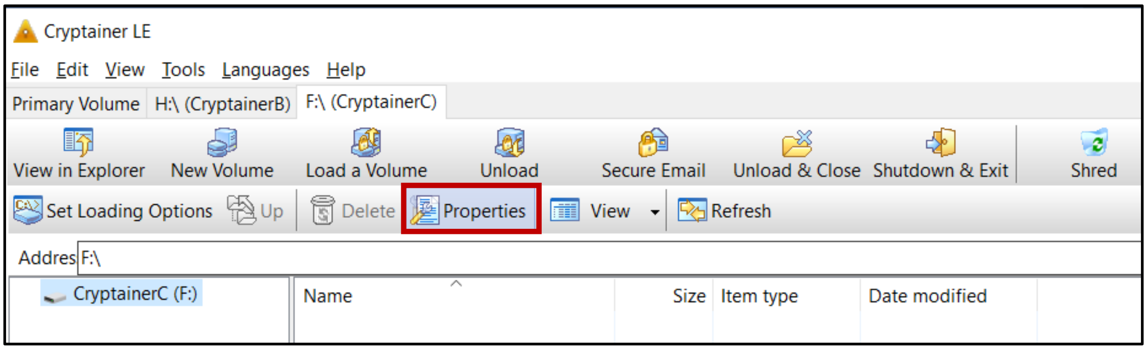
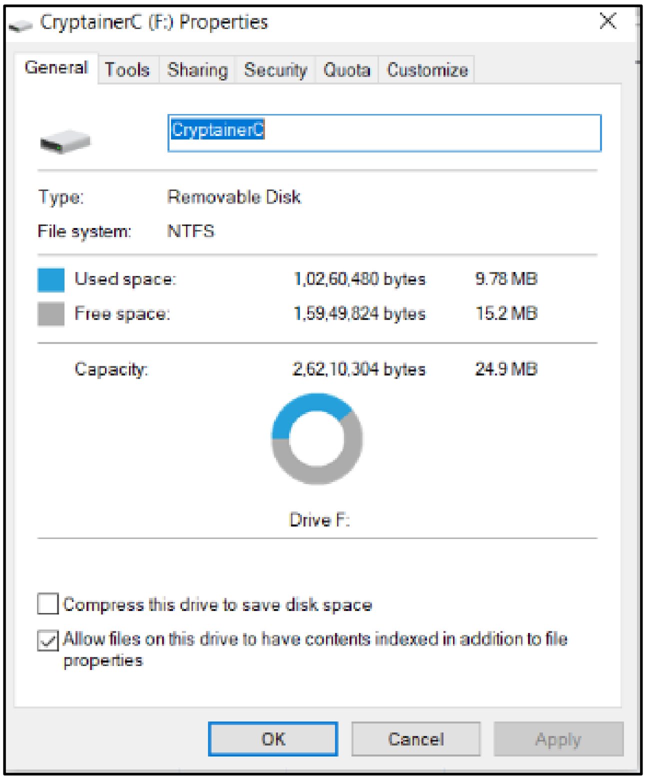

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume H:\ (CryptainerB) F:\ (CryptainerC)
View in Explorer New Volume Load a Volume Unload Secure Email Unload & Close Shutdown & Exit Shred
Set Loading Options Up Delete Properties View Refresh
Addres F:\
CryptainerC (F:)
Name Size Item type Date modified

Figure 71: Viewing Properties of the Volume

The properties of the current volume are displayed.


CryptainerC (F:) Properties
General Tools Sharing Security Quota Customize
Drive F:
OK Cancel Apply

CryptainerC

Type: Removable Disk

File system: NTFS

Used space:	1,02,60,480 bytes	9.78 MB
Free space:	1,59,49,824 bytes	15.2 MB
Capacity:	2,62,10,304 bytes	24.9 MB

□ Compress this drive to save disk space

☑ Allow files on this drive to have contents indexed in addition to file properties

Figure 72: Properties of the Current Volume

4.7 Defining a Hot Key

A hot key enables you to activate Cryptainer LE by pressing that key.

To define a hot key, follow the steps given below.

1. On the **Tools** menu, click **Options**.

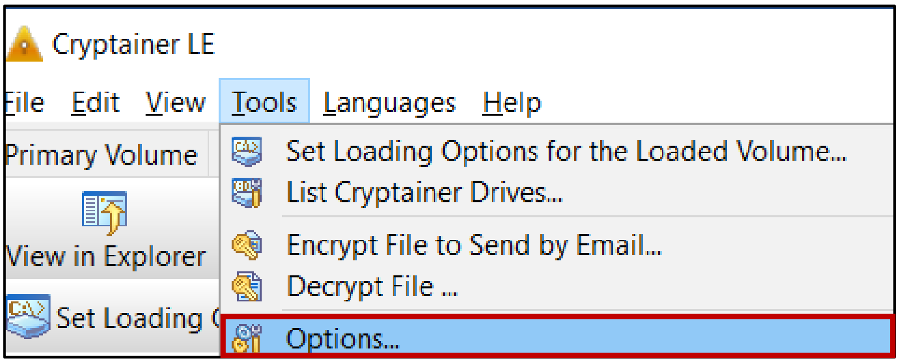
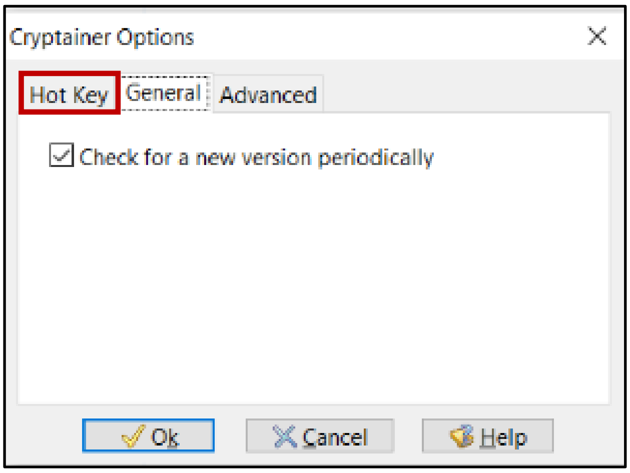

Cryptainer LE
File Edit View Tools Languages Help
Primary Volume
View in Explorer
Set Loading
Set Loading Options for the Loaded Volume...
List Cryptainer Drives...
Encrypt File to Send by Email...
Decrypt File ...
Options...

Figure 73: Defining a Hot Key

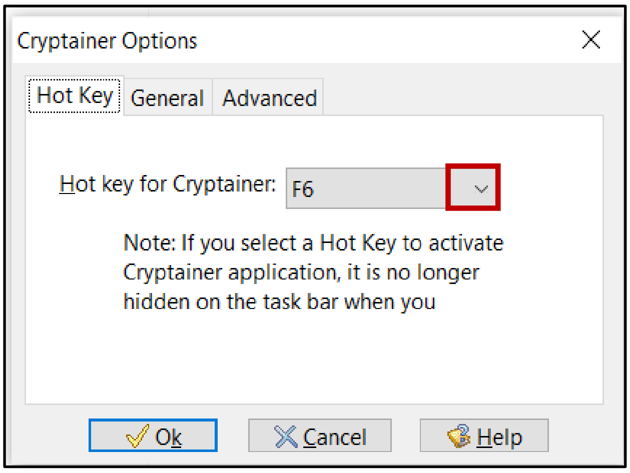
Cryptainer Options window is displayed.



☑ Check for a new version periodically

Figure 74: Cryptainer Options

2. Click **Hot Key**.



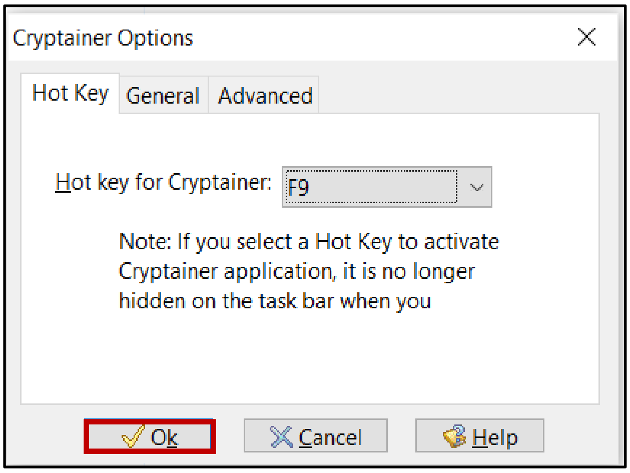
Cryptainer Options

Hot key for Cryptainer: F6

Note: If you select a Hot Key to activate Cryptainer application, it is no longer hidden on the task bar when you

Figure 75: Defining the Hot Key

3. Click **Hot key for Cryptainer** drop down arrow, and click the key you want to select as Hot key.



Cryptainer Options

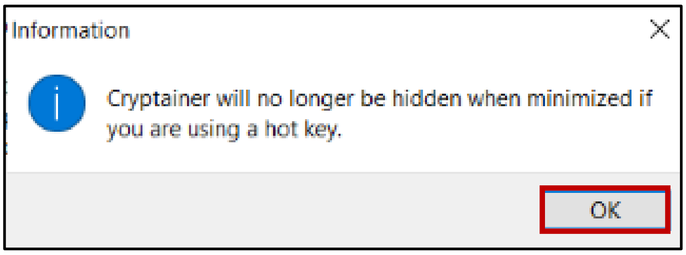
Hot key for Cryptainer: F9

Note: If you select a Hot Key to activate Cryptainer application, it is no longer hidden on the task bar when you

Figure 76: Selecting the Hot Key

4. Click **Ok**.

An information message is displayed.



Cryptainer will no longer be hidden when minimized if you are using a hot key.

Figure 77: Information Message

5. Click **OK**.
   Cryptainer LE can be opened by pressing the Hot Key.

4.8 Creating Volume on Removable Devices

Cryptainer volumes can be easily created on removable devices. It is necessary to have Cryptainer LE installed on the computer to which you connect the device. But it is not necessary to install Cryptainer LE on the removable device.

The procedure to create a volume on removable device is similar to creating a volume on the computer. See *Creating & Formatting Cryptainer Volume* on page 18*.*

✍ **Note** You have to choose the location of the volume file as Removable Device.

5 Uninstalling Cryptainer LE

To uninstall Cryptainer LE, follow the steps given below.

1. On the Windows taskbar, in **Type here to search**, enter Control Panel.
   Control Panel window is opened.

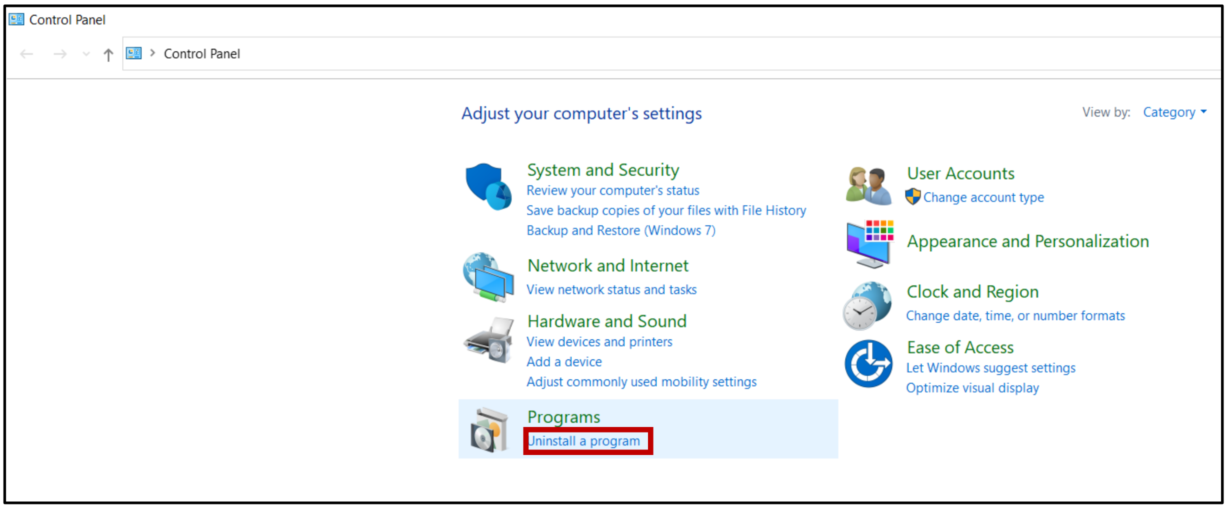
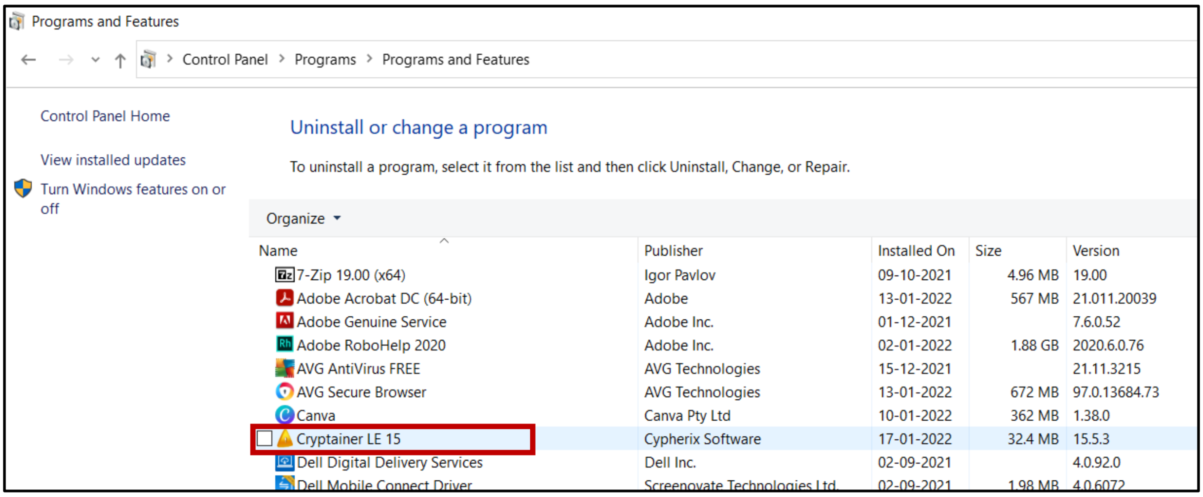

Control Panel
Control Panel
Adjust your computer's settings
View by: Category
System and Security
Review your computer's status
Save backup copies of your files with File History
Backup and Restore (Windows 7)
Network and Internet
View network status and tasks
Hardware and Sound
View devices and printers
Add a device
Adjust commonly used mobility settings
Programs
Uninstall a program
User Accounts
Change account type
Appearance and Personalization
Clock and Region
Change date, time, or number formats
Ease of Access
Let Windows suggest settings
Optimize visual display

Figure 78: Opening Control Panel

2. Click **Uninstall a program**.
   Programs and Features window is opened.


Programs and Features
Control Panel > Programs > Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Organize

Uninstall or change a program

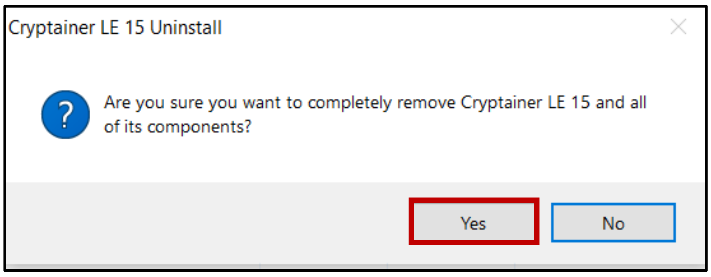
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

Name	Publisher	Installed On	Size	Version
7-Zip 19.00 (x64)	Igor Pavlov	09-10-2021	4.96 MB	19.00
Adobe Acrobat DC (64-bit)	Adobe	13-01-2022	567 MB	21.011.20039
Adobe Genuine Service	Adobe Inc.	01-12-2021		7.6.0.52
Adobe RoboHelp 2020	Adobe Inc.	02-01-2022	1.88 GB	2020.6.0.76
AVG AntiVirus FREE	AVG Technologies	15-12-2021		21.11.3215
AVG Secure Browser	AVG Technologies	13-01-2022	672 MB	97.0.13684.73
Canva	Canva Pty Ltd	10-01-2022	362 MB	1.38.0
☐ Cryptainer LE 15	Cypherix Software	17-01-2022	32.4 MB	15.5.3
Dell Digital Delivery Services	Dell Inc.	02-09-2021		4.0.92.0
Dell Mobile Connect Driver	Screenovate Technologies Ltd.	02-09-2021	1.98 MB	4.0.6072

Figure 79: Programs & Features Window

3. Double-click Cryptainer LE 15.
4. *User Account Control* window is opened. Click **Yes**.

A message is displayed asking for confirmation to uninstall Cryptainer LE.

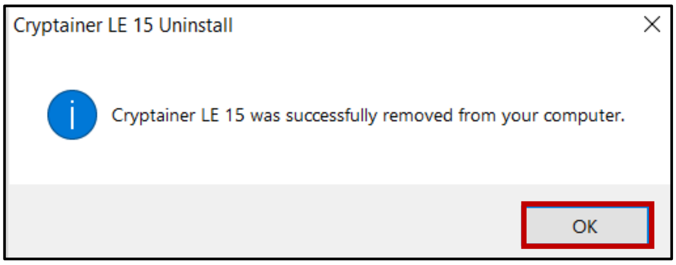


Cryptainer LE 15 Uninstall

Are you sure you want to completely remove Cryptainer LE 15 and all of its components?

Figure 80: Confirmation Message for Uninstallation

5. Click **Yes**.
   Cryptainer LE will be uninstalled from the computer.
   An Information message is displayed.



Cryptainer LE 15 Uninstall

Cryptainer LE 15 was successfully removed from your computer.

Figure 81: Information Message for Uninstallation

6. Click **OK**.

6 Frequently Asked Questions

What happens to my data if Cryptainer LE is uninstalled from my computer?
The data is still saved on your computer, but you can’t access it. When you install Cryptainer LE, you can access the data.

Can I retrieve the volume password if I forget it?
No, unfortunately, there is no other way to retrieve the password.

How many Cryptainer volumes can I load at a time?
You can load up to four volumes at a time.

What happens to the files deleted from my Cryptainer drive?
The deleted files are not saved anywhere else nor in the Recycle bin.

Can I create a backup of my files saved in the Cryptainer drive?
Yes. A Cryptainer drive is like any other file you have on your computer. You can create a backup for it in a similar manner.

How many Cryptainer drives can I create?
You can create as many drives as you want.

Can I delete the volume files if I want?
Yes. You can delete the volume like you delete any other file.

Is my data safe?
Yes, your data saved in the Cryptainer drive is safe. They are encrypted and hidden in the drive.

Which version is recommended for corporate use?
Cryptainer SE is recommended for corporate usage.

What is the difference between Cryptainer LE and Cryptainer PE?
Both have the same features. Cryptainer PE allows you to create multiple volumes of 32 GB, while Cryptainer LE allows you to create multiple volumes of 100 MB.

Can I upgrade from Cryptainer PE to Cryptainer 15.0?
Yes, you can upgrade for the difference in the price.

While trying to install Cryptainer, I got a win32 error. What should be done in such case?
You will have to uninstall all the older versions of Cryptainer. Then reboot the computer and re-install Cryptainer.

7 Glossary

AES
AES stands for Advanced Encryption Standard. It is a specification for encrypting the data.

AES 256
AES stands for Advanced Encryption Standard used for encrypting the data. 256 stands for the number of bits in the key.

algorithms
Algorithms are procedures to solve a computational problem.

architecture
Architecture refers to the hardware of the computer by different manufacturers like Intel, AMD, Cyrix, and so on.

block size
Block size refers to the different sections in which the plain text is divided for encryption process

blowfish
Blowfish is an encryption algorithm.

blowfish 448
Blowfish is an encryption algorithm with a key of 448 bits.

Cipher Block Chaining Mode
Cipher Block Chaining Mode or CBC mode is a mode of operation in encryption process.

compression
Compression refers to modifying the data so as to occupy less storage space.

Cryptainer Volume/Vault
Cryptainer Vault/Volume is similar to a vault or a section assigned for storage

decryption
Decryption is a process of converting the scrambled, unrecognizable form of data back into readable plain text.

decryption Algorithms
Decryption Algorithms are methods used to transform the encrypted data back into the plain text.

disk Requirement
Disk Requirement refers to the space or memory required for the installation of any software.

drive
Drive refers to a medium or a location for storing and reading the data.

encryption
Encryption is a process of converting the plain text data into an unrecognizable, scrambled form.

encryption Algorithms
Encryption Algorithms are methods used to transform the plain text into some random data.

encryption Strength
Encryption strength refers to how hard it is to unscramble the encrypted data.

executable /exe file
Exe stands for executable file or program which causes the computer to perform a particular task.

FAT
FAT stands for File Allocation Table. It is a type of file system in computers.

FAT 12
FAT stands for File Allocation Table. FAT 12 uses 12 bits of data for identifying data clusters on the storage devices.

FAT 32
FAT stands for File Allocation Table. FAT 32 uses 12 bits of data for identifying data clusters on the storage devices.

file Systems
File Systems are a way of organizing storage on different devices.

formatting
Formatting refers to erasing all the data that is saved.

GB
GB stands for Giga bytes. It is a unit for storage of digital data. 1GB= 1024 MB

hot key
Hot key is a key or combination of keys which when pressed performs a task quickly.

intellectual Property
Intellectual Property (IP) refers to the creation of human intellect in any field. Some examples can be symbols, inventions in any category, algorithms, and so on.

key
Key is a string of bits or digits used for encryption and decryption of data.

LE
LE stands for Lite Edition of a software application. It is generally available for free.

MB

MB stands for Megabytes. It is a unit for storage of digital data. 1MB= 1024 KB (kilo bytes).

NTFS

NTFS stands for New Technology File System. It is more advanced giving more security to the data as compared to the FAT file system.

NTFS with EFS

EFS stands for Encrypted File System. It provides protection to the NTFS file system.

platform

Platform is an environment in which a particular software is executed.

removable media

Removable media is a type of storage device which can be removed while the computer is running. Examples of removable media include CDs (Compact disk), pen drive, and so on.

Triple DES

Triple DES stands for Triple Data Encryption Algorithms.

TB

TB stands for Terabytes. It is a unit for storage of data. 1TB= 1024 GB

upgrades

Upgrades refer to the addition to the existing hardware or software application.

version

Version is a way to categorize the computer software as it is being developed and made available to the users. Version is generally identified by a word or a number or both.

Windows Explorer

Windows Explorer is the file manager used by Windows. In Windows Explorer allows you to manage your files and folders.

8 Index