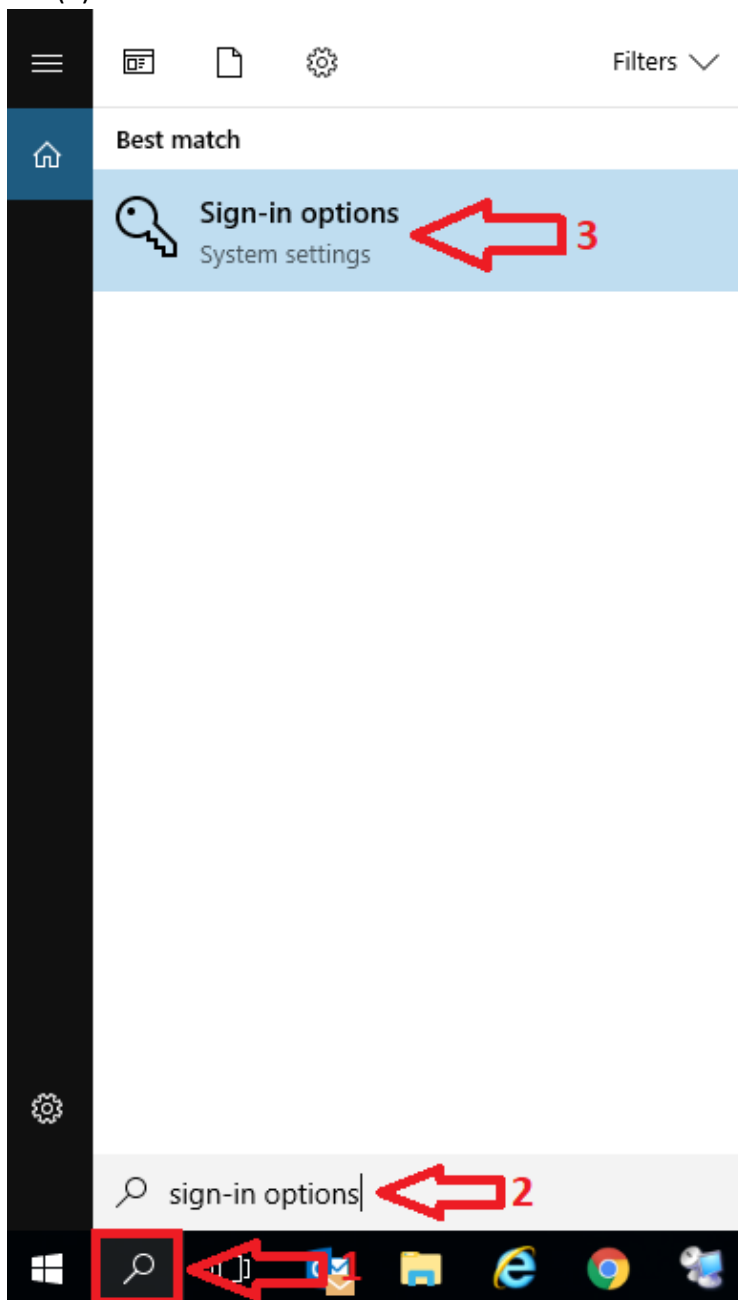


BitLocker Encryption Guide

1. Create User Password (If you haven't already done so):


- a. Click the Search button (1) and type "Sign-in options" (2). Select **Sign-in options** (3).




b. Click "Change" to set your new password.


Settings




 Home


Find a setting 


Accounts


 Your info


 Email & app accounts

 [Sign-in options](#)

 Access work or school

 Family & other people


 Sync your settings

 Windows Hello

Sign in to Windows, apps and services by teaching Windows to recognize you.

Windows Hello isn't available on this device.

[See how it works and find compatible devices.](#)

 Password

Change your account password

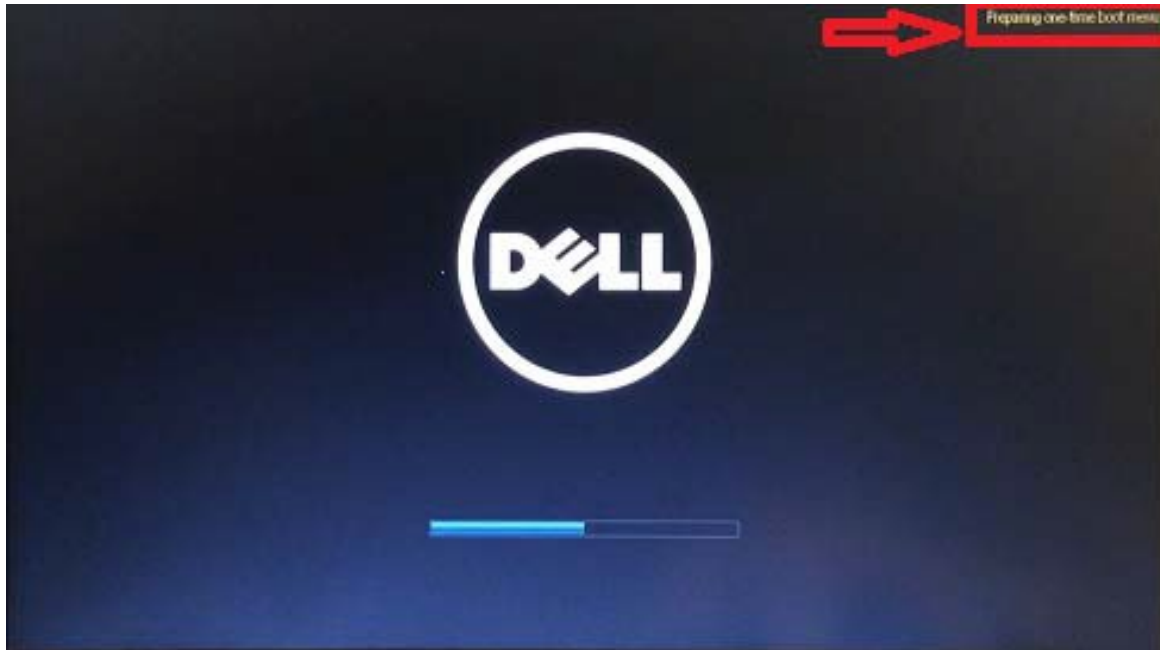
 PIN

Create a PIN to use in place of passwords. You'll be asked for this PIN when you sign in to Windows, apps, and services.

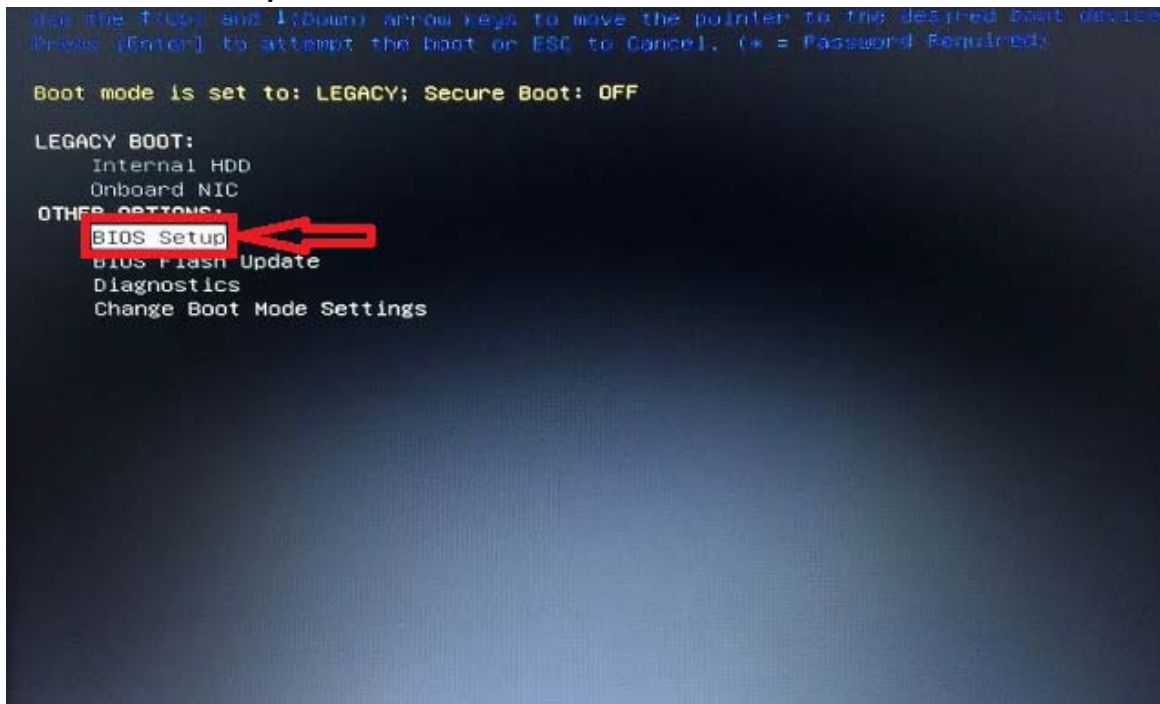


2. Activate TPM (Trust Platform Module) Chip:

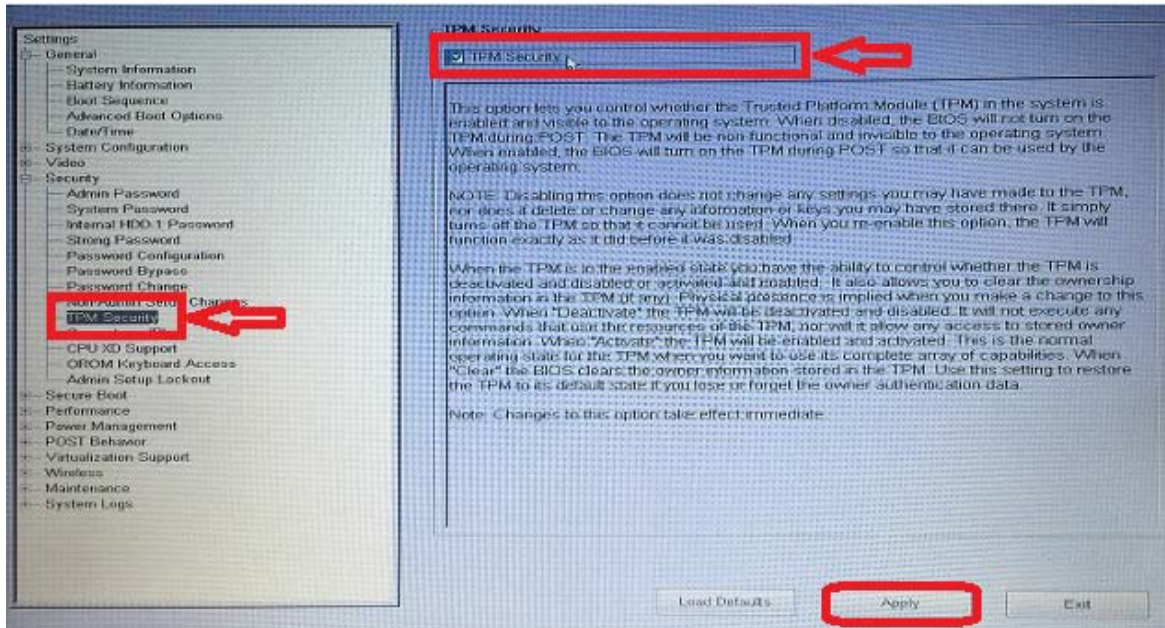
- a. After turning on the computer, repeatedly press **F12** after the Dell logo appears. A message, preparing one-time boot menu..., will show on top right corner.



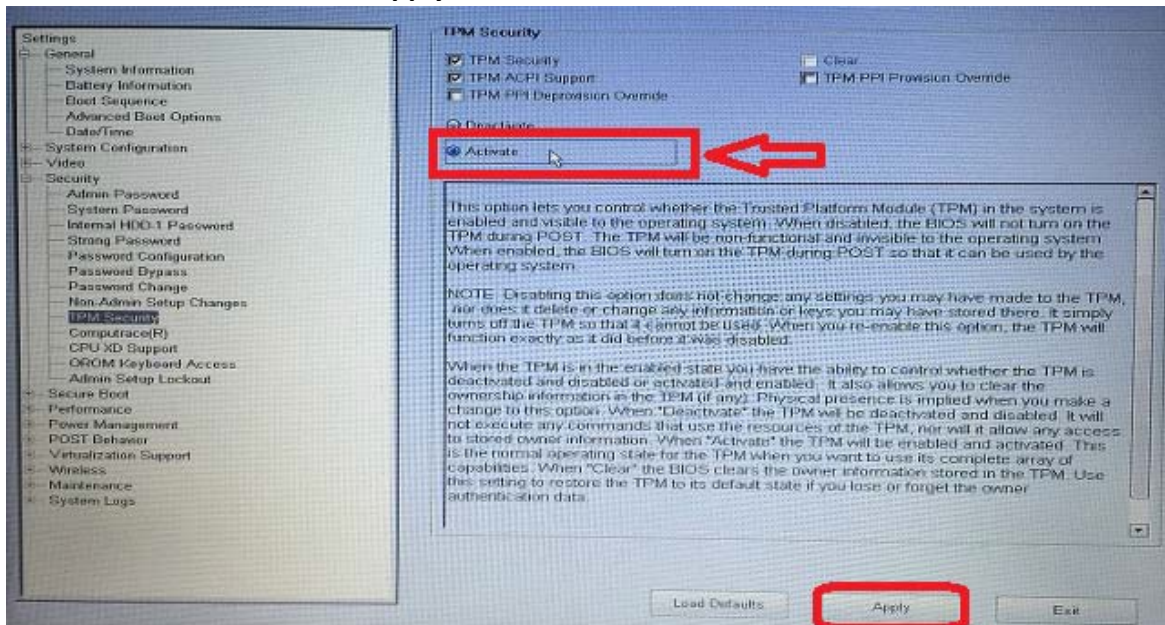
- b. Select **BIOS Setup**.



- c. On the left panel, go to **Security – TPM Security**.
On the right panel, check **TPM Security** and click **Apply**.



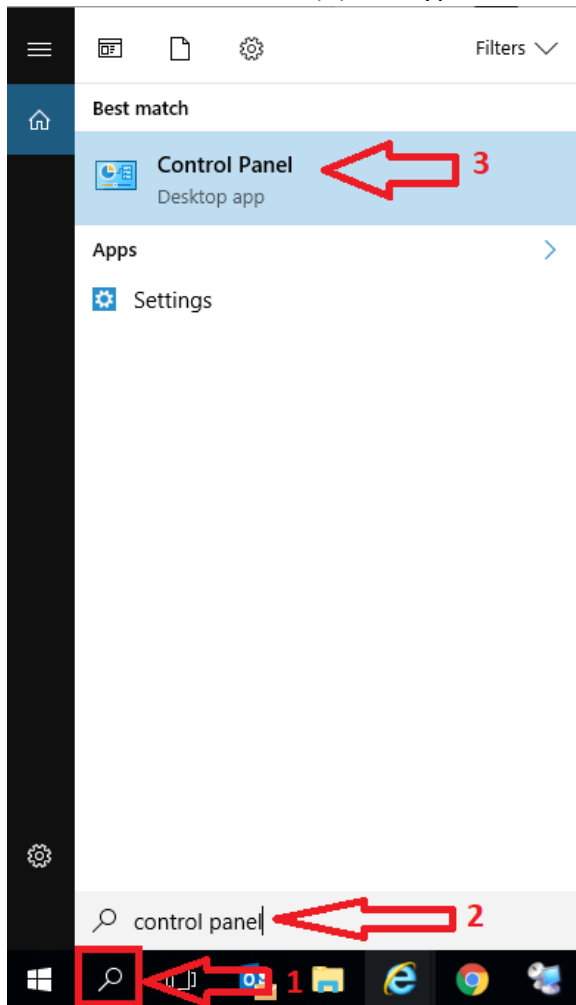
- d. Select **Activate** and click **Apply**.



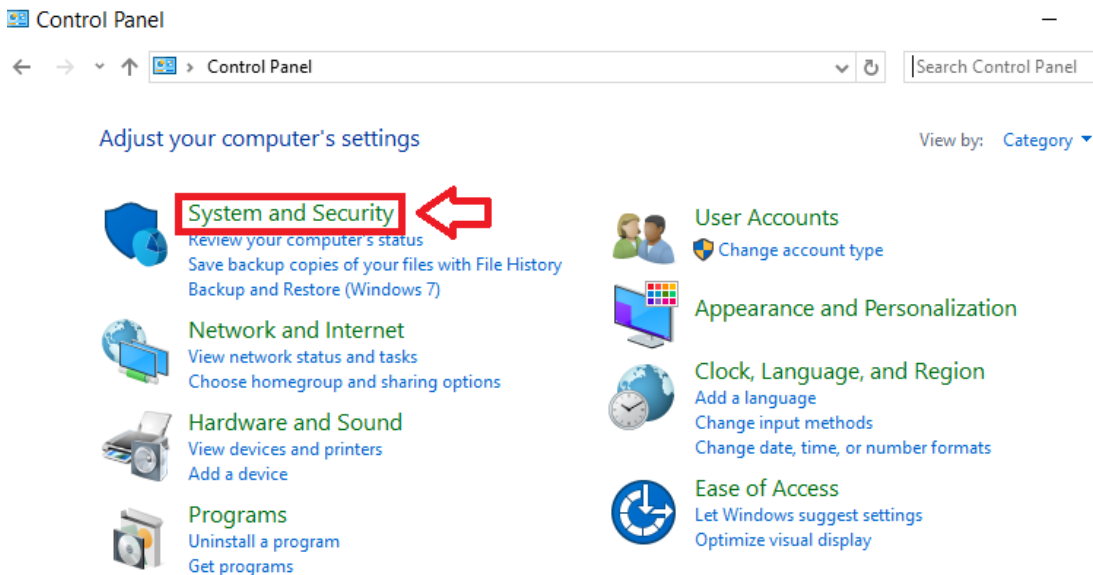
- e. **Exit** to restart the computer.

3. Enable BitLocker Encryption:

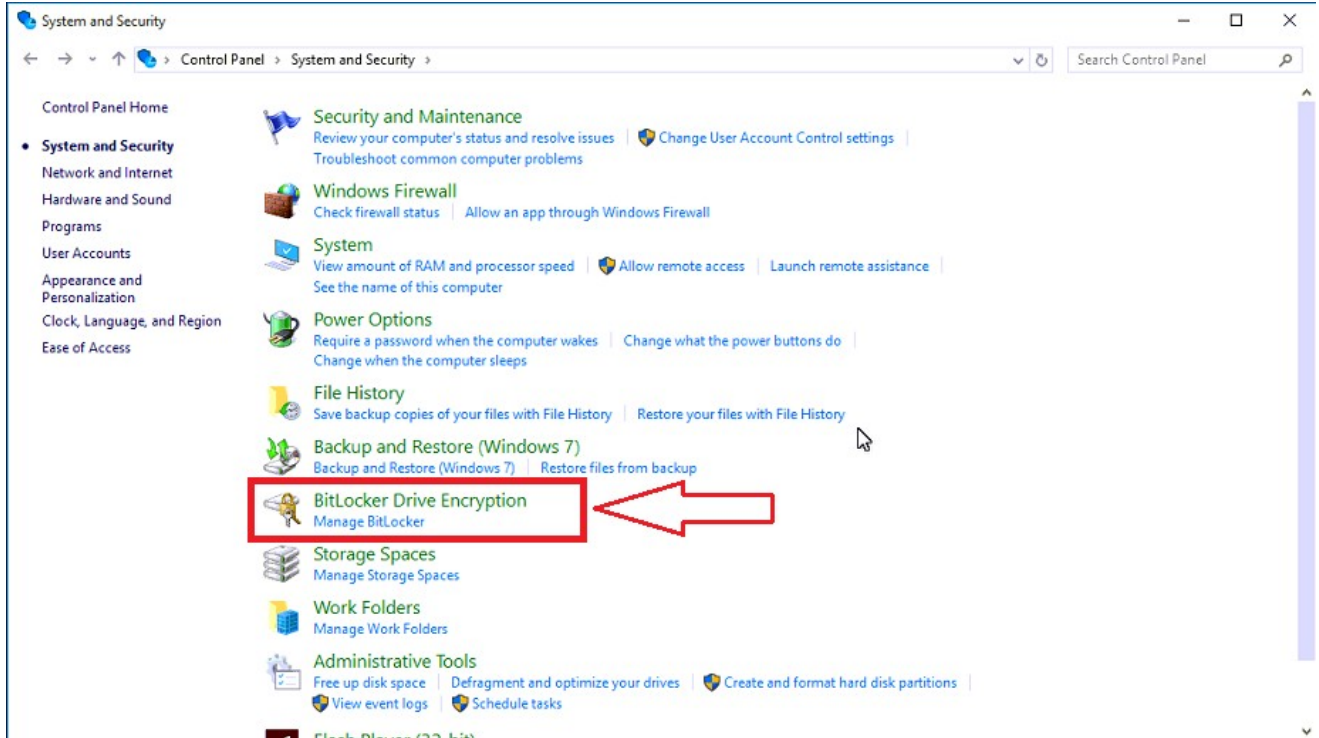
- a. Click the Search button (1) and type "Control Panel" (2). Select **Control Panel** (3).



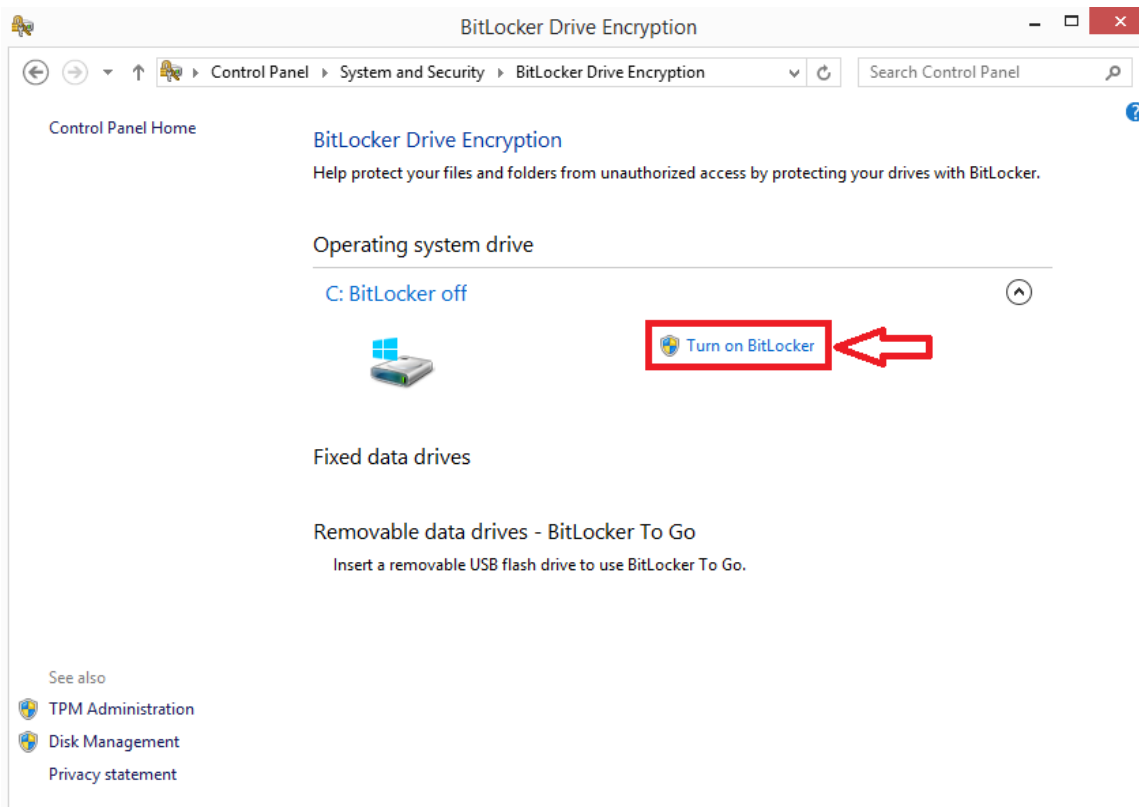
- b. Select System and Security



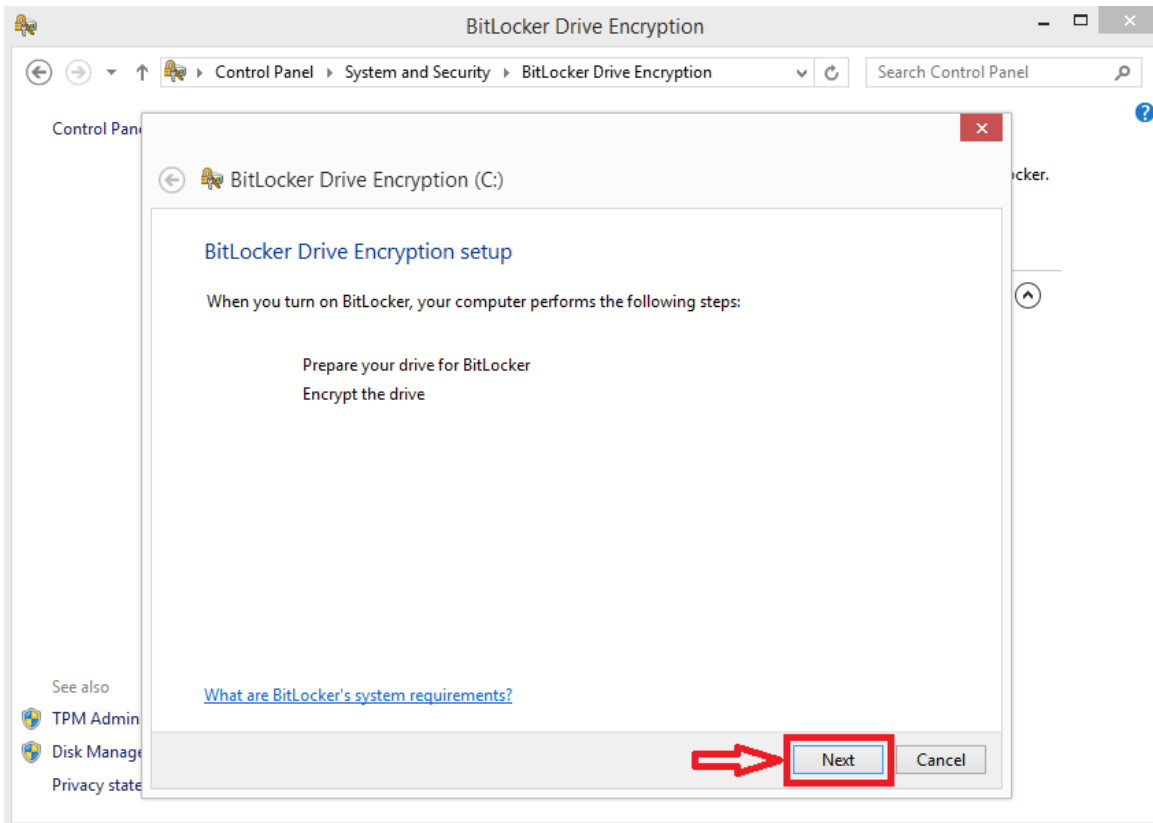
c. Under **System and Security**, click **BitLocker Drive Encryption**.



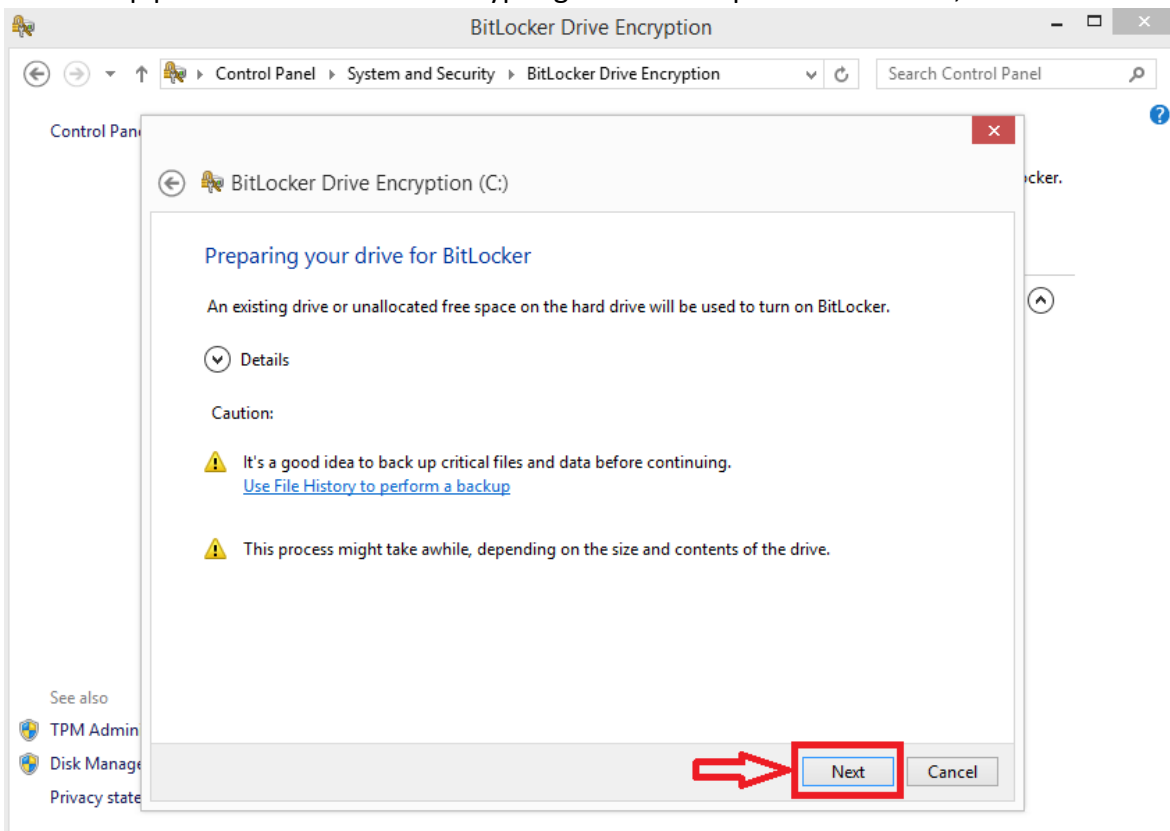
d. Click **Turn on BitLocker**.



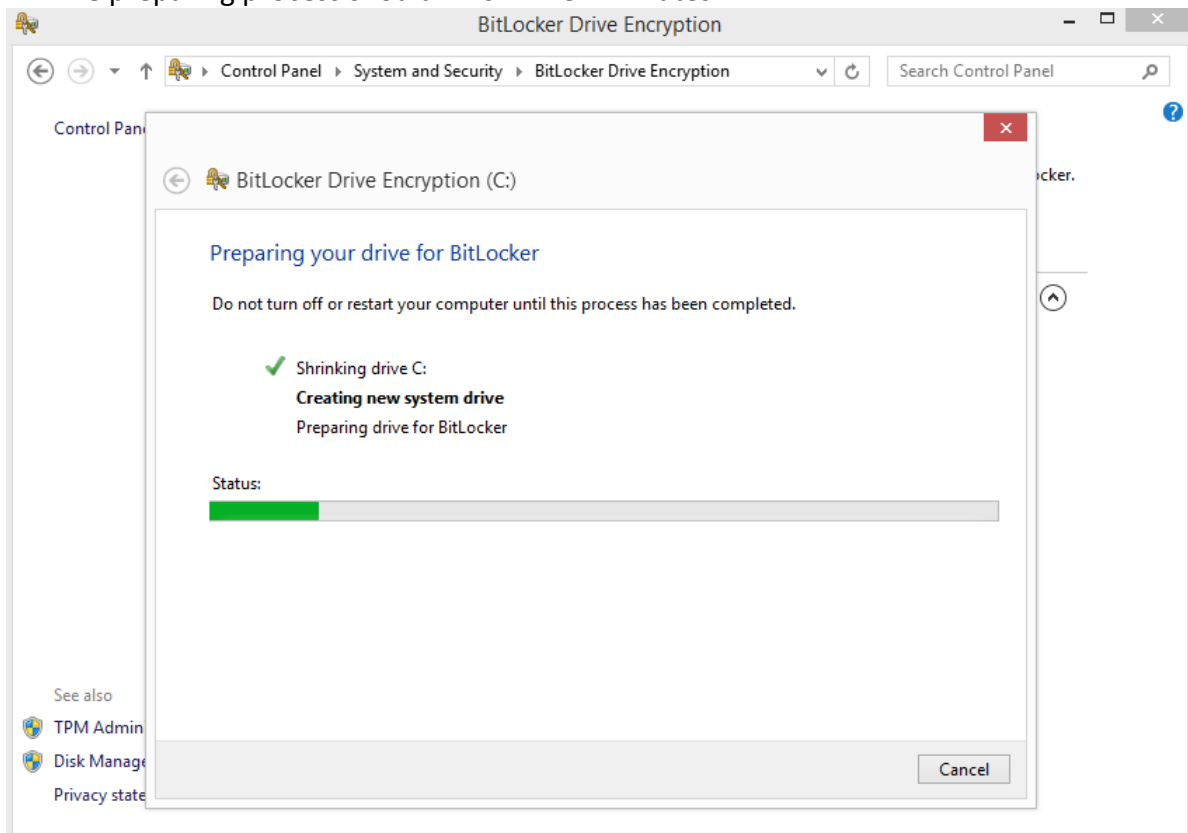
e. Click **Next** to begin prepare drive for BitLocker.



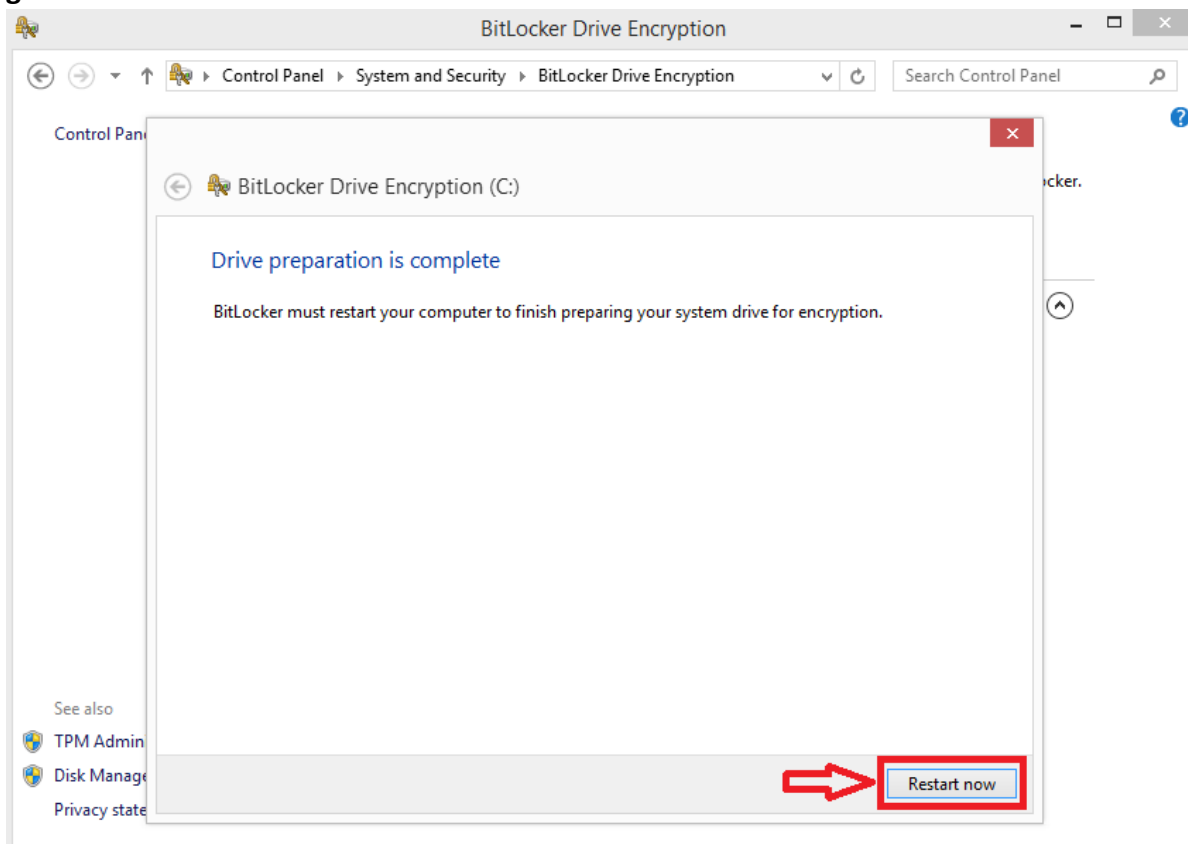
f. Backup personal data before encrypting the drive to prevent data loss, click **Next** to continue.



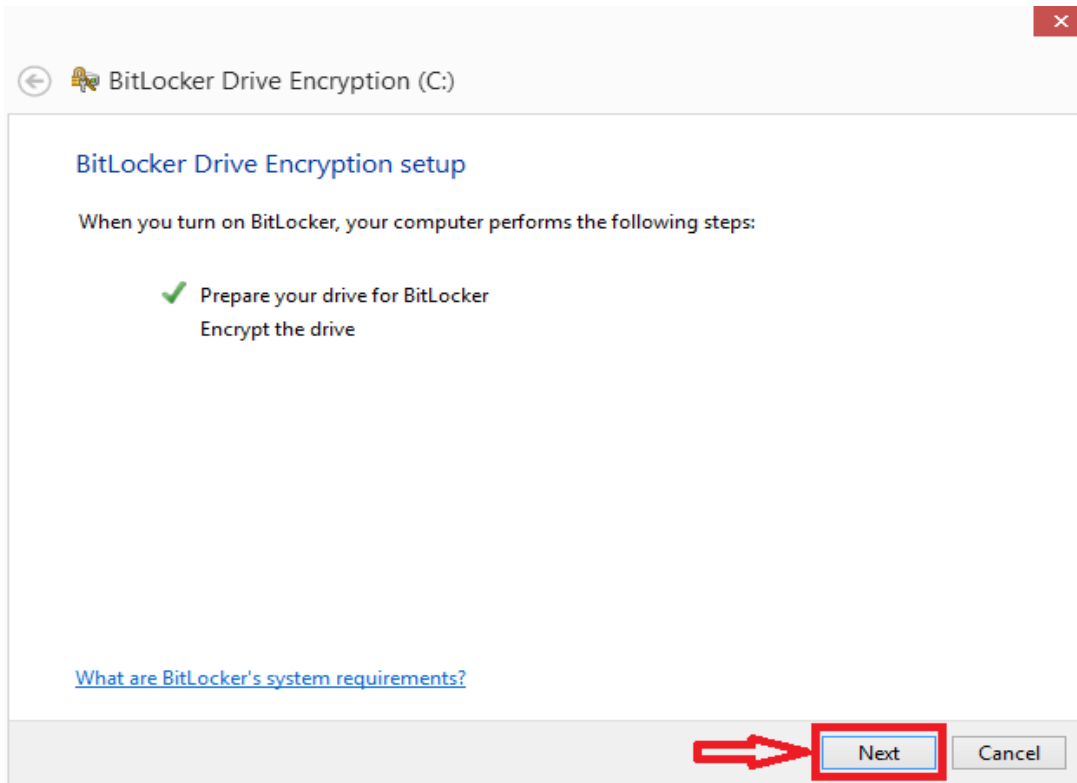
f. The preparing process should finish in few minutes.



g. Click **Restart now**.



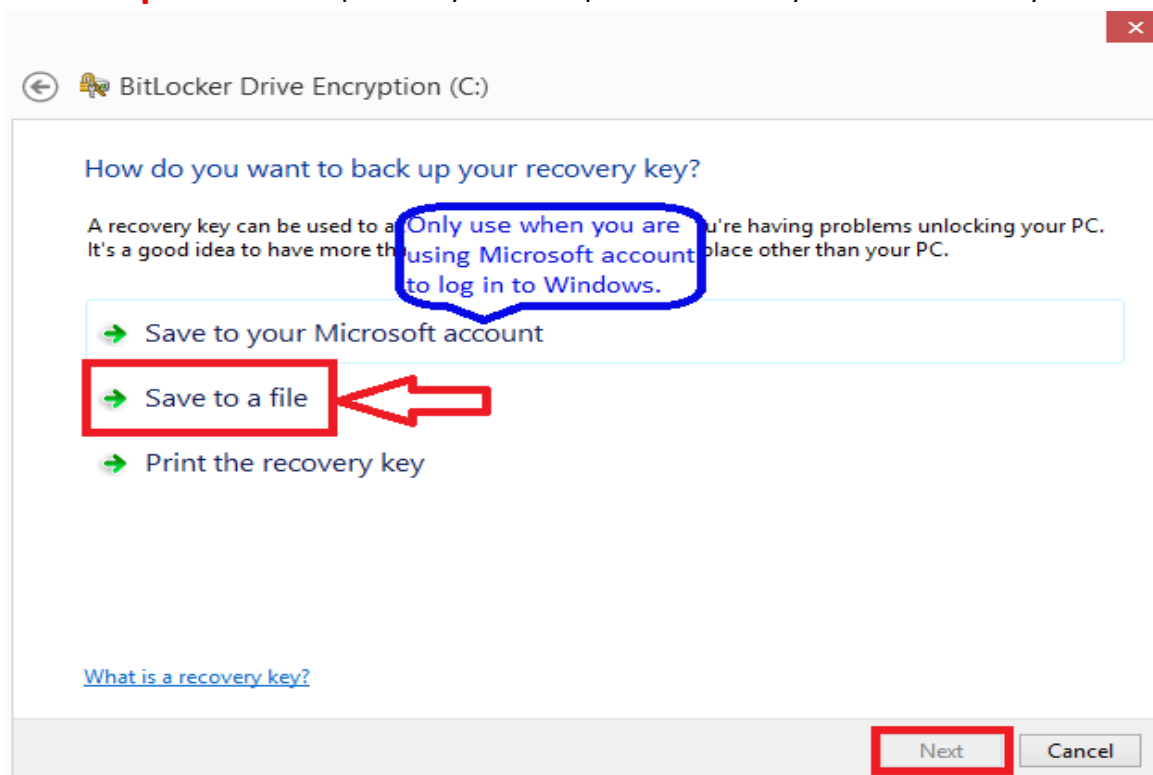
- h. After the computer restarts, BitLocker Drive Encryption will pop up automatically. Click **Next** to continue.



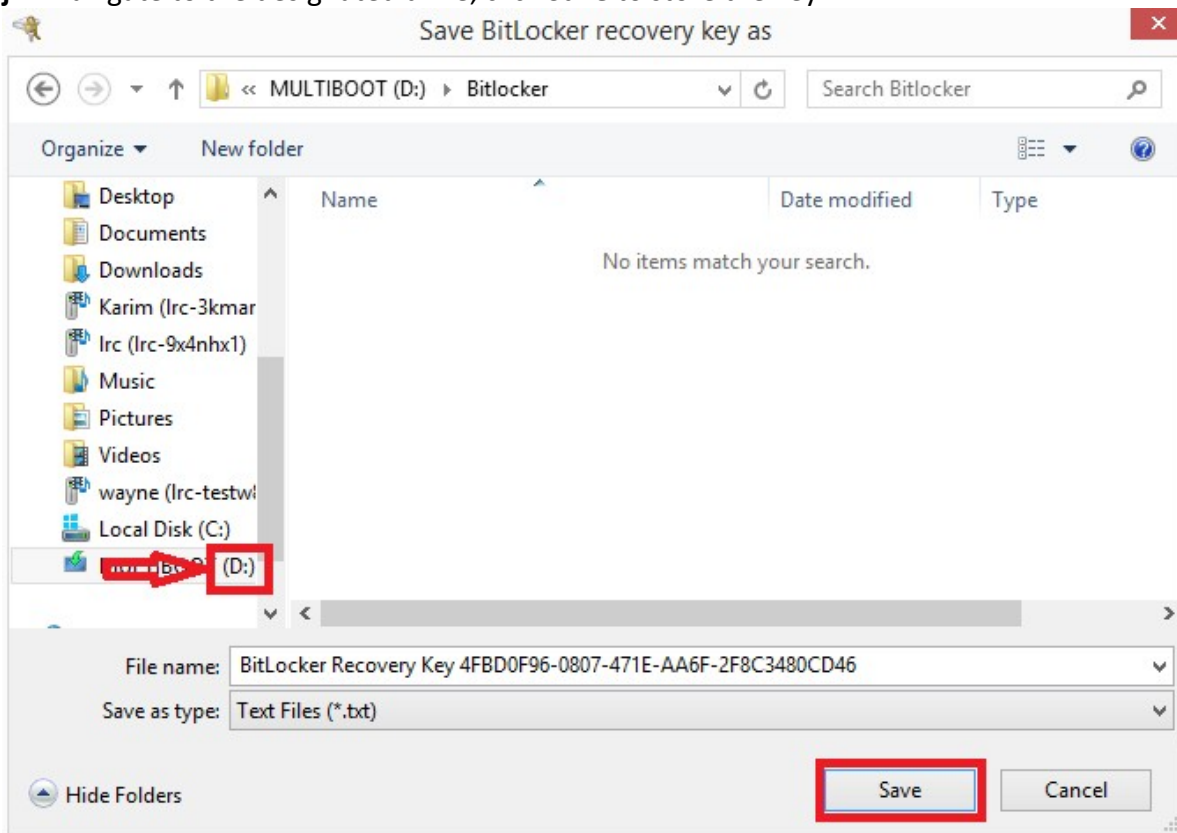
- i. You will need an external USB drive to save the recovery key. After you insert the USB drive, click **Save to a file** to continue.

*Highly recommend, if you login using your Microsoft account, use first option (in Blue) to save the key under your Microsoft OneDrive account.

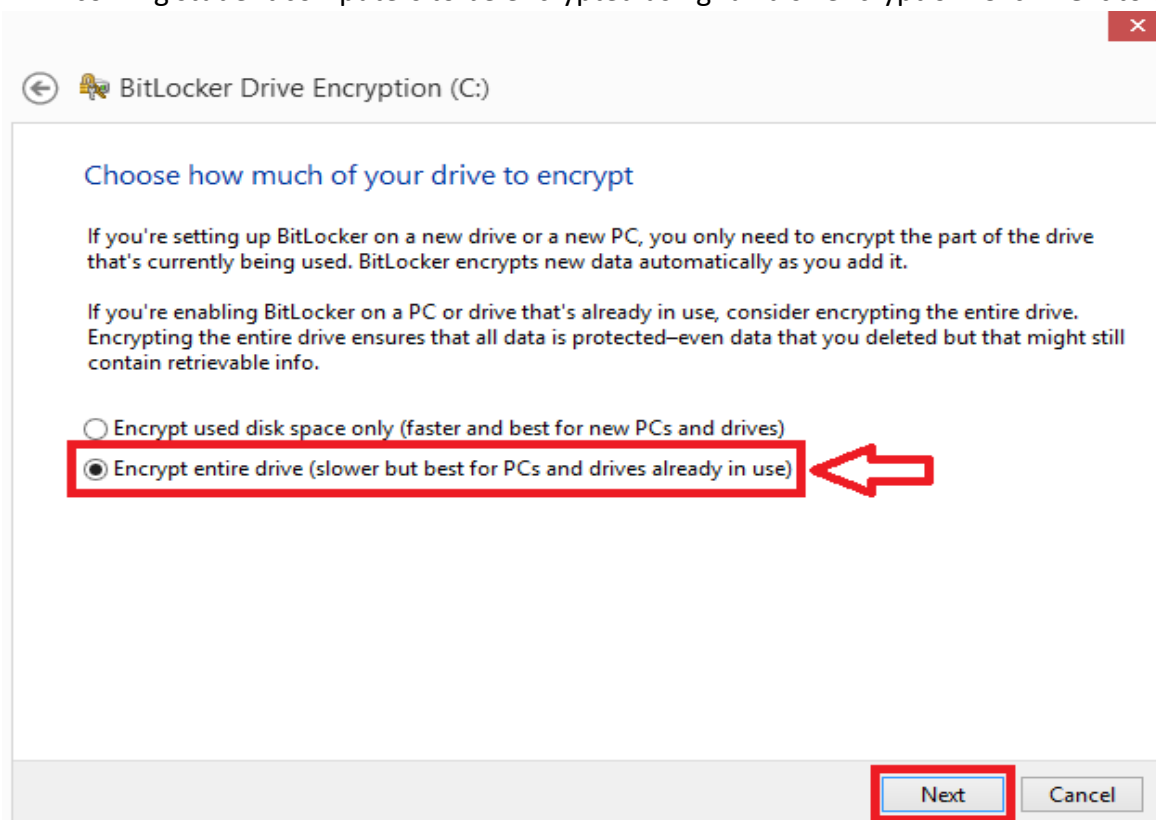
****Important:** Keep this key in a safe place and readily accessible when you need to use it.



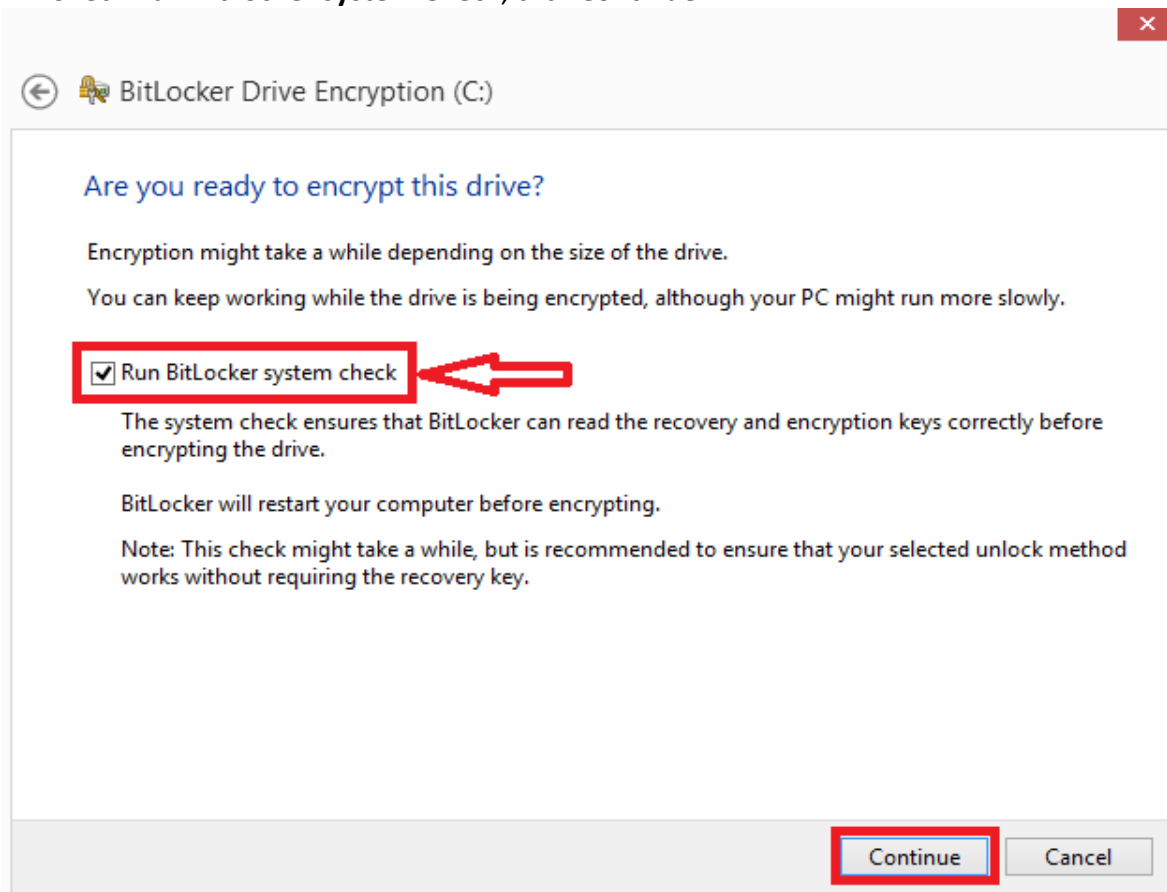
j. Navigate to the designated drive, click **Save** to store the key.



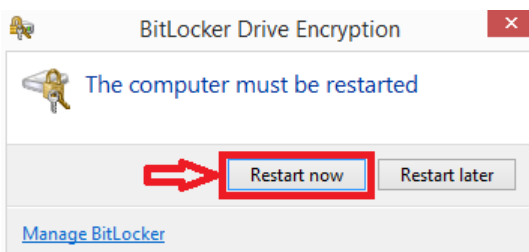
k. Make sure to select **Encrypt entire drive** for full disk encryption. UTHealth MSIT policy requires all incoming student computers to be encrypted using full disk encryption. Click **Next** to continue.



I. Check **Run BitLocker system Check**, click **Continue**.



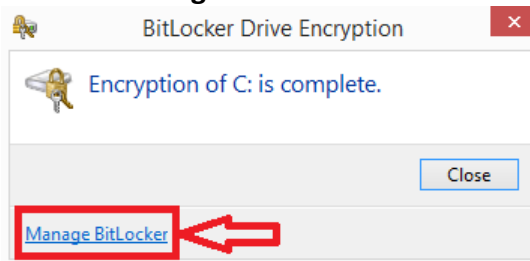
m. Click **Restart now**.



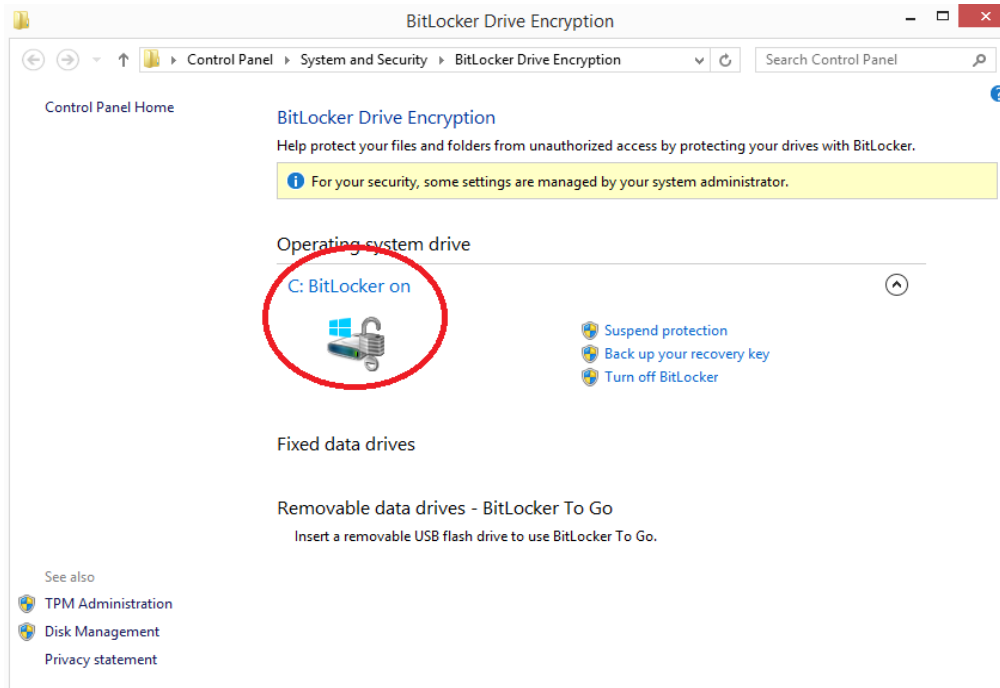
n. After the computer restarts, the encrypting process will begin. Normally, SSD Hard Drive will take less than 2 hours to encrypt depend on the size of the hard drive. You can still use the computer during the process.



- o. Click **Manage BitLocker** to make sure the encryption is successful.

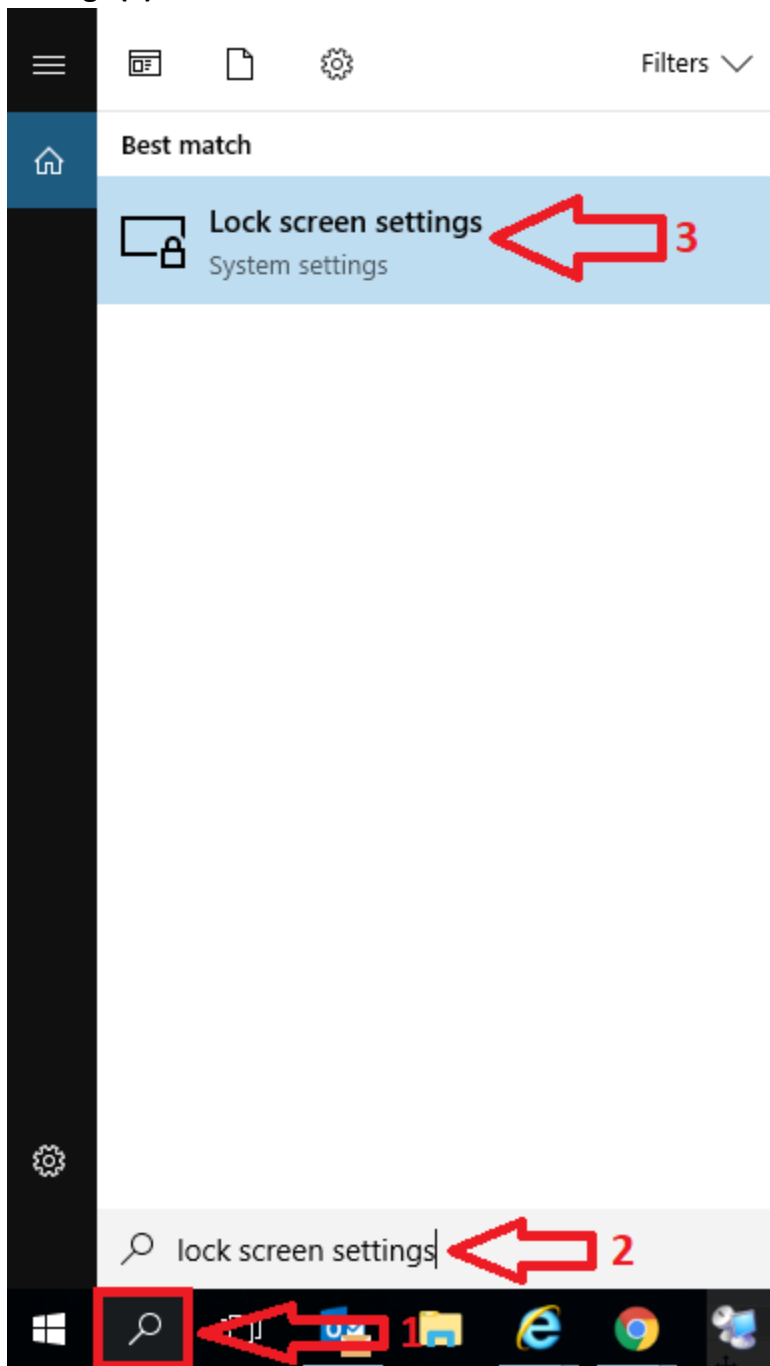


- p. Your computer is now encrypted with BitLocker.



4. Setting up 15 minutes inactive lock out:

- a. Click the Search button (1) and type "Lock screen settings" (2). Select **Lock screen settings** (3).



b. Click **Lock Screen**. On the right side, click **Screen Saver Setting**.

The screenshot shows the Windows Settings application in the Personalization section. The left-hand navigation pane lists 'Background', 'Colors', 'Lock screen', 'Themes', and 'Start'. The 'Lock screen' option is highlighted in blue and has a red arrow pointing to it from the right. The main content area displays a preview of the lock screen with the time '2:58' and the date 'Monday, March 21'. Below the preview, there are sections for 'Background' (set to 'Picture'), 'Choose your picture' (with a 'Browse' button), 'Choose an app to show detailed status' (with a '+' button), and 'Choose apps to show quick status' (with seven '+' buttons). At the bottom, there are links for 'Screen timeout settings' and 'Screen saver settings'. The 'Screen saver settings' link is highlighted in blue and has a red arrow pointing to it from the right.

- c. Change the Wait time to **15 minutes** and check the box for **On resume, display logon screen**. Click **OK** to finish.

