**BitLocker**

How to Recover from BitLocker Recovery Mode

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**Introduction**

**BitLocker Drive Encryption** performs a system integrity check every time an encrypted computer starts up. System integrity is validated by comparing the current configuration of critical components to a baseline taken when **BitLocker Drive Encryption** was first enabled. This validation is done to protect the system from unauthorized tampering and attempts to gain access.

When BitLocker system integrity validation fails while protectors are enabled, the operating system (OS) drive will be locked and the computer will start up in **Recovery Mode**.

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**Exiting Recovery Mode**

In order to exit **Recovery Mode**, the correct recovery key for the encrypted operating system drive must be entered into the field provided. The recovery key can be obtained by using the **Self-Service Portal** or by contacting the **Faculty/Staff Help Center**. The **Self-Service Portal** is accessible from on- or off-campus, and is compatible with any web browser on a desktop, laptop, tablet, or other mobile device.

![BitLocker recovery](image)

*Figure 1*
Self-Service Portal

The Self-Service Portal can be used by all Towson University faculty and staff to retrieve recovery keys for their own computers and devices. It cannot be used to retrieve recovery keys for other computers and devices that your NetID is not associated with. To retrieve the recovery key from the Self-Service Portal:

1. Open your preferred web browser and navigate to https://bitlocker.towson.edu.
2. In the Authentication required window, type your Username (NetID) and Password.
3. Click the Log in button.

4. Read the notice and check the box beside I have read and understand the above notice and then click Continue button.

5. Type the Recovery Key ID from the device currently locked or in Recovery Mode. Note that only the first 8 characters are required. The Recovery Key ID can be found on the BitLocker recovery screen of the locked device.

6. Select a Reason from the drop down menu provided. If you are unsure of the reason, select OS Files Modified.
7. Click the Get Key button.
8. Your BitLocker Recovery Key will be displayed in the web browser.

![Image](image1.png)

Figure 5

9. Type your BitLocker Recovery Key in the text box beneath Enter recovery key for this drive on your locked device.

![Image](image2.png)

Figure 6

10. Windows will resume starting normally.

Faculty/Staff Help Center

If you are having trouble accessing or using the Self-Service Portal, please contact the Faculty/Staff Help Center at 410-704-5151 or submit a Service Request by browsing to https://techhelp.towson.edu. A technician will be able to retrieve your Recovery Key and walk you through the process of unlocking your device.
What should I do after resuming from BitLocker Recovery Mode?

BitLocker protectors on the operating system drive must be reset after resuming from BitLocker Recovery Mode. If protectors are not reset, the computer will continue to prompt for the recovery key on startup.

1. Once logged into Windows, and if the computer has an active Internet/network connection, a Microsoft BitLocker Administration and Monitoring window will appear stating that the BitLocker disk encryption policy has changed. Click the Start button in the window to reset BitLocker protectors on the drive and exit Recovery Mode.

Note: This prompt will not appear without active Internet/network connection, or if you are logged in remotely via Remote Desktop Protocol (RDP). If you are not prompted within a few minutes of logging into Windows, please verify that your computer is connected to the Internet via Ethernet or Wi-Fi and that you have physical access to the computer.

![Microsoft BitLocker Administration and Monitoring](image)

**Figure 7**