

# EOAS Help Desk

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## Use PowerShell to get the Bitlocker recovery key

Burner EOAS - 2022-12-01 - 2 Comments - in Adobe Sit License

### Overview

The following information explains how to retrieve a copy of the Bitlocker recovery key using the PowerShell console. These instructions apply to Microsoft Windows 10.

### Instructions

#### Step 1

Click the Start button, search for PowerShell. Right-click the **PowerShell** menu item and select **Run as administrator**

#### Step 2

At the PowerShell command prompt, enter the following and click Enter at the end:

**Set-ExecutionPolicy -ExecutionPolicy RemoteSigned**

#### Step 3

At the PowerShell command prompt, enter the following and click Enter at the end:

**mkdir c:\temp**

#### Step 4

Save the attached file **Get-BitlockerRecoveryKeys.ps1** to the location you created at **C:\Temp**

#### Step 5

From the PowerShell command prompt, enter the following and click Enter at the end:

**cd c:\temp**

#### Step 6

From the PowerShell command prompt, enter the following and click Enter at the end:

**.\Get-BitlockerRecovery.ps1**

You should see one or more lines of output that identify the drive and the recovery key for that drive. If you email a copy of that information to [helpdesk@eoas.ubc.ca](mailto:helpdesk@eoas.ubc.ca), we will store that information safely, and you can subsequently use that information to unlock your computer's hard drive if Bitlocker requests the information.



```
PS D:\temp> .\Get-BitLockerRecoveryKeys.ps1
The drive D: has a recovery key
The drive C: has a recovery key
PS D:\temp>
```

## Attachments

- [Get-BitLockerRecoveryKeys.ps1 \[572.00 B\]](#)

## Comments (2)

Jamal Thu, 16th Jul  
2020 11:32am

how do I run this for remote computers on my company network?  
Thanks in advance. this is great help.

MJE Tue, 5th Jul  
2022 8:18am

```
# November 28, 2017 - TJY
# Generate a list of Bitlocker recovery keys and display them at
the command prompt.
#

# Modified to only display volumes that have recoverykeys,
2022/07/05 CodexIT, MJE

# Identify all the Bitlocker volumes.
$BitlockerVolumers = Get-BitLockerVolume

# For each volume, get the RecoveryPassowrd and display it.
$recovery=@()
$BitlockerVolumers | where KeyProtector -ne $false |
ForEach-Object {
$MountPoint = $_.MountPoint
$RecoveryKey = [string]($_.KeyProtector).RecoveryPassword
if ($RecoveryKey.Length -gt 5) {
$props=[ordered]@{}
$props.add("MountPoint",$MountPoint)
$props.add("RecoveryKey",$RecoveryKey.trim())
$recovery+=New-Object -TypeName psobject -Property $props
}
}
```

```
if ($recovery.count -gt 0) {  
$recovery|Format-Table  
} else {  
"false"  
}
```