



Handling Guide for the Microsoft Windows 10 Security Vulnerabilities: CVE-2017-8464 and CVE-2017-8543

1 Problem

On June 14, 2017, Microsoft released *Security Advisory 4025685*, which contained two severe remote code execution (RCE) vulnerabilities for Windows 10, CVE-2017-8464 and CVE-2017-8543. Hackers could exploit these vulnerabilities to install programs, view, modify, or delete data, and even create new accounts with full administrator permissions. Microsoft has released a repair service pack for these two vulnerabilities.

Security advisory link: <https://technet.microsoft.com/en-us/library/security/4025685>

2 Solution

Install the latest Microsoft service pack as early as possible to defend against attacks according to the following steps.

2.1 Checking the system service pack

Check whether your MateBook has already installed the repair service pack for CVE-2017-8464 and CVE-2017-8543.

Press the windows key and R key at the same time, and a dialog box will be displayed. Enter **winver** in the box to view the system version, as shown in the following figure.



1. **Version 1511**

- (1) If the OS Build is earlier than 10586.962 (such as 10586.916), you need to update and install the system service pack.
- (2) If the OS Build is 10586.962 or later, then the vulnerabilities repair service pack has already been installed.

2. **Version 1607**

- (1) If the OS Build is earlier than 14393.1358 (such as 14393.1230), you need to update and install the system service pack.
- (2) If the OS Build is 14393.1358 or later, then the vulnerabilities repair service pack has already been installed.

3. **Version 1703**

- (1) If the OS Build is earlier than 15063.413 and 16063.414 (such as 15063.332), you need to update and install the system service pack.
- (2) If the OS Build is 15063.413 and 15063.414 or later, then the vulnerabilities repair service pack has already been installed.

2.2 Updating and installing the system service pack

2.2.1 Downloading the service pack

1. If the system version is 1511, download the service pack through the following link.
http://download.windowsupdate.com/d/msdownload/update/software/secu/2017/06/windows10.0-kb4022714-x64_edf4e51111abeea65f7cbcf75755210bb6a711e3.msu
2. If the system version is 1607, download the service pack through the following link.

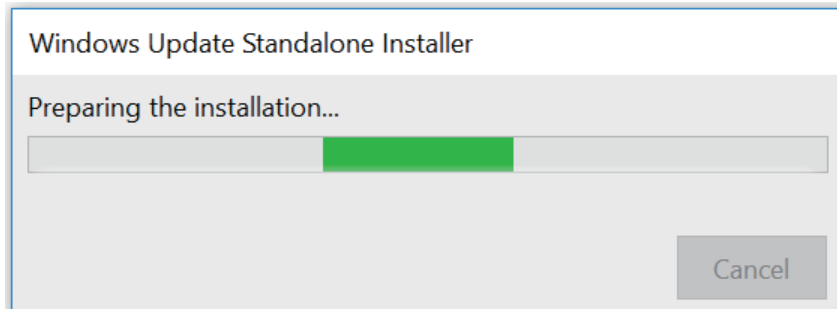
http://download.windowsupdate.com/c/msdownload/update/software/secu/2017/06/windows10.0-kb4022715-x64_e49f14969a81d955545b7743079e93380541e19c.msu

3. If the system version is 1703, download the service pack through the following link.

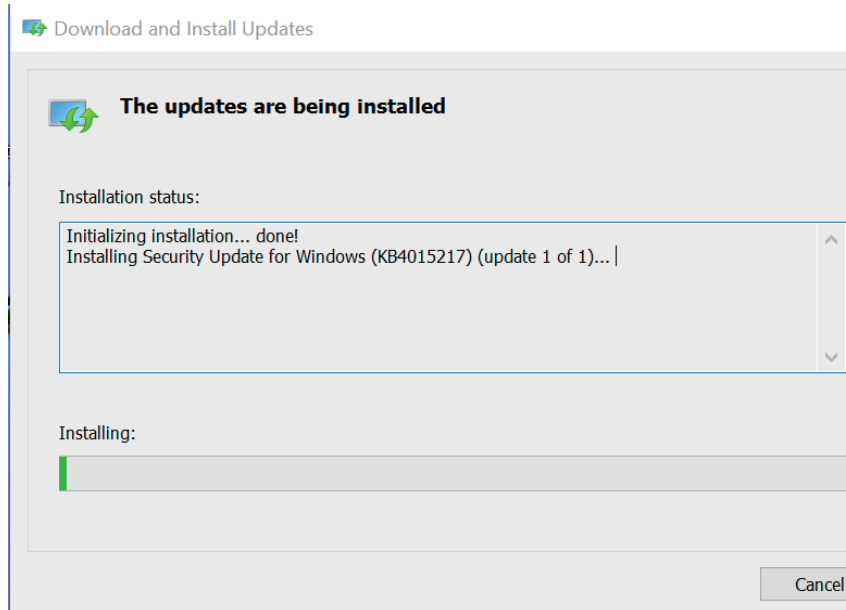
http://download.windowsupdate.com/c/msdownload/update/software/secu/2017/06/windows10.0-kb4022725-x64_f4468667fb546204531ff9b88ef9b8b095a26786.msu

2.2.2 Installing the service pack

1. Double-click the service pack and search for updates.



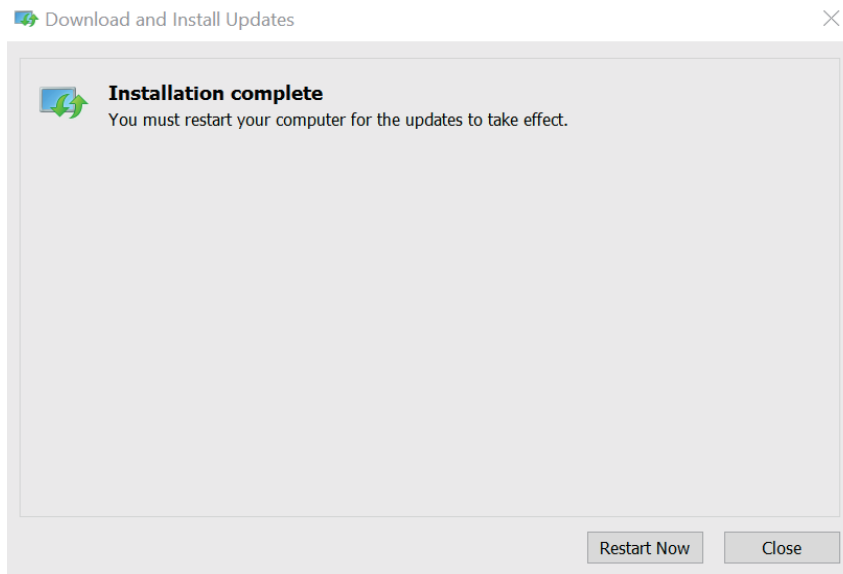
2. After the update search completes, install the updates.



NOTE

The KB serial number displayed on the screenshot is for your reference only. The actual one may vary.

3. After the installation completes, click **Restart Now**.



4. The system automatically updates the configuration during restarting. After the configuration update completes, your MateBook will automatically restart again. Then, the service pack installation is complete.