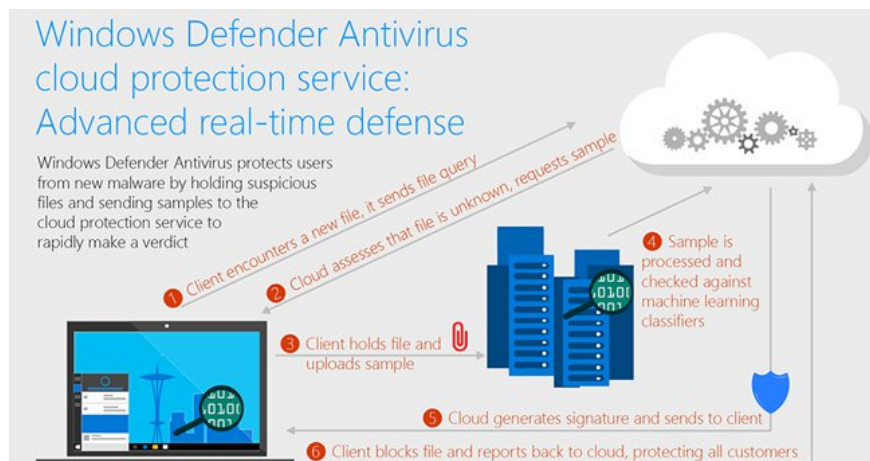


Windows Defender Antivirus has the ability to quickly detect and delete malware

In the Windows 10 Creators Update update released last April, Microsoft provided the Windows Defender Antivirus update application - leveraging the cloud protection service. Let's see what's special in this service!

In the Windows 10 Creators Update update released last April, Microsoft provided the Windows Defender Antivirus update application - leveraging the cloud protection service. Whenever Windows Defender Antivirus detects suspicious files, the application will upload them to the cloud protection service for quick analysis. The service will respond to information whether those files are safe or malicious within a few milliseconds by using cloud-based computer models and Intelligent Security Graph (Microsoft security chart). In the statement yesterday. Microsoft has stressed that Windows Defender Antivirus can detect and remove malware that has never been seen before in a matter of seconds.



When a user clicks on a malicious program, Windows Defender AV scans files with rules and definitions in memory. If it is not already in memory, Windows Defender AV will temporarily force this file to stop. Then it will ask Windows Defender AV cloud protection service for more information about that file. If necessary, it will instruct AV to send the sample. During this time, the file will remain locked. By default, Windows Defender AV will wait about 10 seconds to retrieve information from the cloud protection service before allowing the file to continue running. By using multi-layer machine learning equipment, the cloud protection service will identify malicious files and return information to Windows Defender AV. Based on this information, Windows Defender AV will apply cloud signatures and quarantine of malware. All this process will be done within 8 seconds.

The best point of Windows Defender AV and cloud service is that it's completely free. Due to the importance of computer security today, Microsoft has enabled default cloud-based protection in Windows Defender AV. To confirm if the application is enabled on your computer, visit **Windows Defender Security Center** . Then, go to **Settings> Virus & threat protection settings** and confirm that **Cloud-based protection** and **Automatic**

sample submission are turned on.

Take advantage of this feature in Windows 10 Creators Update for efficient computer security!

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