

Windows 10 20H1 will solve the problem of CPU and Disk affecting performance

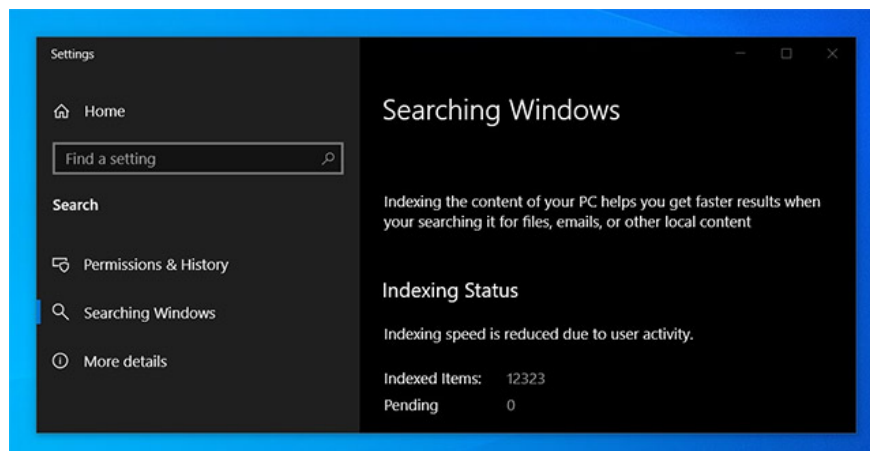
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If you don't already know, 20H1 (2004 Update) is the next major feature update of Windows 10, expected to be released by Microsoft this spring. In addition to a series of new features of Win 10 20H1, notable improvements and additions, the 20H1 release will focus on improving platform elements to improve stability, performance, as well as experience. of users with the Windows 10 operating system in general, including CPU and Disk problems affecting the performance that was recorded in previous versions.

Microsoft says it has done extensive research over the past year to identify serious issues that exist in Windows Search. The research results revealed that Full Disk and CPU are two main performance issues that users often encounter.

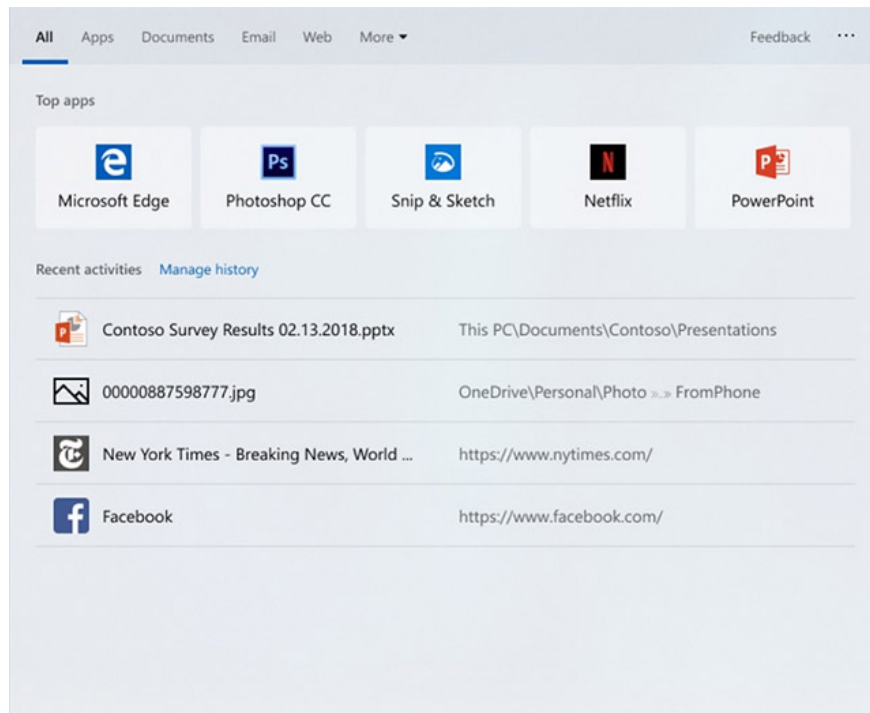
Windows Search is associated with all applications, File Explorer and it 'wanders' on your PC. Microsoft uses a search indexer to crawl files, documents, images, videos, applications, and metadata on the system to return results quickly when you activate Windows Search. Microsoft has been continuously improving and adding new features to Windows Search in recent updates. For example, in Windows 10 May 2019 Update, 'Enhanced Mode' has been added to Windows Search, making it easier to expand the search index.

By default, Microsoft limits Windows Search to scan only folders such as documents, pictures, videos, and desktops. Enhanced Mode extends this list to include all folders in the system, except for areas used by Windows, such as System32.



Although the Windows Search indexer plays a very important role, it causes excessive use of hard disk (Disk) and processor (CPU). Microsoft is clearly aware that the problem causing this system slowdown is caused by Windows Search.

Redmond says Windows 10 20H1 will come with a new algorithm that will detect excessive Disk usage and other performance issues. Thus, Windows 10 can regulate all search indexing activities to stabilize system performance.



As described by Microsoft, Windows 10 will stop indexing Windows Search when CPU usage exceeds 80% and Disk usage exceeds 70%. In addition, this service is also disabled when the game mode is turned on or when the capacity is less than 50% (for laptops).

According to a recent report, Windows 10 20H1 could be rolled out as soon as April or May 2020.

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