

How to enable / disable TRIM support for SSDs in Windows 10

This guide will show you how to check the current status of TRIM support for SSDs and to enable or disable TRIM support for NTFS and ReFS file systems in Windows 10.

The TRIM command is essential to maintain the performance of SSDs at an optimal level throughout its life cycle. TRIM proactively removes invalid data from SSD memory cells to ensure write operations take place at maximum speed.

Because the memory block must be erased before it can be reprogrammed, TRIM improves performance by actively deleting pages that contain invalid data, allowing the SSD to write new data without having to do so. Delete command takes time.

TRIM support for SSDs is enabled by default and is recommended to always be enabled. If turned off, there is a risk of SSD fragmentation instead of optimization.

This guide will show you how to check the current status of TRIM support for SSDs and to enable or disable TRIM support for NTFS and ReFS file systems in Windows 10.

Note : You must be logged in as an administrator to verify, enable or disable TRIM support.

Here's how:

1. Open Command Prompt with admin rights.
2. Perform step 3 (see status), step 4 (for NTFS) and / or step 5 (for ReFS) below, depending on what you want to do.

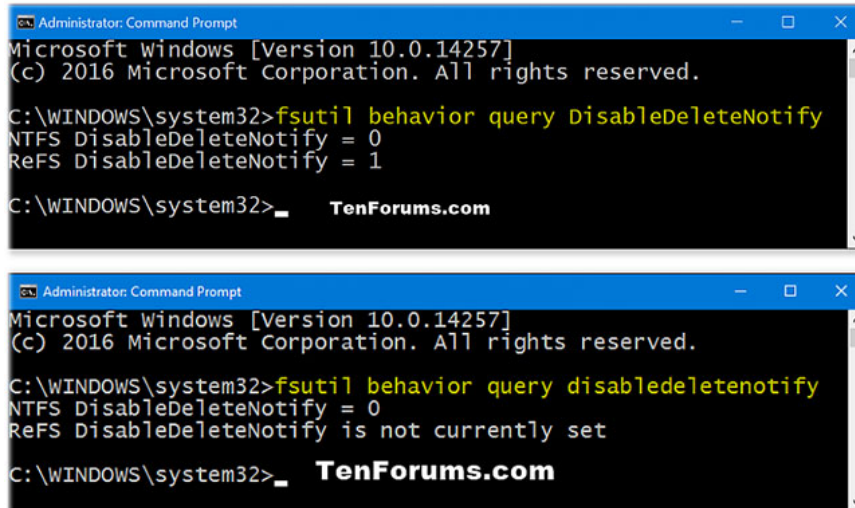
How to check the current status of TRIM support for SSD

3. To check the current status of TRIM support for SDD with the NTFS and ReFS file systems, copy and paste the below command into the Command Prompt, press **Enter** and go to step 6 below.

```
fsutil behavior query disableddeletenotify
```

TRIM support results	Description
NTFS DisableDeleteNotify = 0 (Disabled)	TRIM support is enabled for SSDs with NTFS
NTFS DisableDeleteNotify = 1 (Enabled)	TRIM support is disabled for SSDs with NTFS
NTFS DisableDeleteNotify is not currently set	TRIM support for SSDs with NTFS has not been currently set up, but will automatically be enabled, if an SSD with NTFS is connected.
ReFS DisableDeleteNotify = 0 (Disabled)	TRIM support is enabled for SSDs with ReFS
ReFS DisableDeleteNotify = 1 (Enabled)	TRIM support is disabled for SSDs with ReFS
ReFS DisableDeleteNotify is not currently set	TRIM support for SSDs with ReFS

are currently not set, but will automatically be enabled, if SSDs with ReFS are connected.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14257]
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C:\WINDOWS\system32>fsutil behavior query DisableDeleteNotify
NTFS DisableDeleteNotify = 0
ReFS DisableDeleteNotify = 1

C:\WINDOWS\system32>_ TenForums.com
```

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14257]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>fsutil behavior query disabledeletenotify
NTFS DisableDeleteNotify = 0
ReFS DisableDeleteNotify is not currently set

C:\WINDOWS\system32>_ TenForums.com
```

How to check the current status of TRIM support for SSD

How to enable TRIM support for NTFS and ReFS file systems

4. To enable or disable TRIM support for SDD with the NTFS file system, copy and paste the command you want to use below into the Command Prompt, press **Enter** and go to step 6 below.

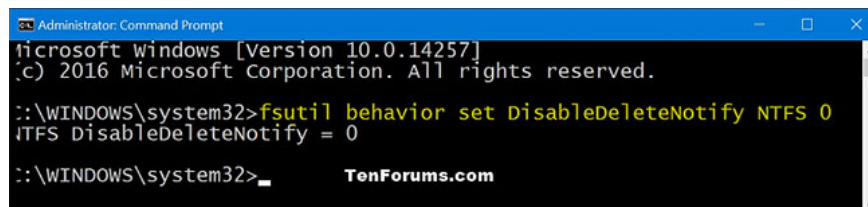
(Activate TRIM support for SSDs with NTFS)

```
fsutil behavior set disabledeletenotify NTFS 0
```

Or:

(Disable TRIM support for SSDs with NTFS)

```
fsutil behavior set disabledeletenotify NTFS 1
```



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14257]
(c) 2016 Microsoft Corporation. All rights reserved.

:.\WINDOWS\system32>fsutil behavior set DisableDeleteNotify NTFS 0
NTFS DisableDeleteNotify = 0

:.\WINDOWS\system32>_ TenForums.com
```

How to enable TRIM support for NTFS and ReFS file systems

How to turn off TRIM support for NTFS and ReFS file systems

5. To enable or disable TRIM support for SDD with the ReFS file system, copy and paste the command you want to use below into the Command Prompt, press **Enter** and go to step 6 below.

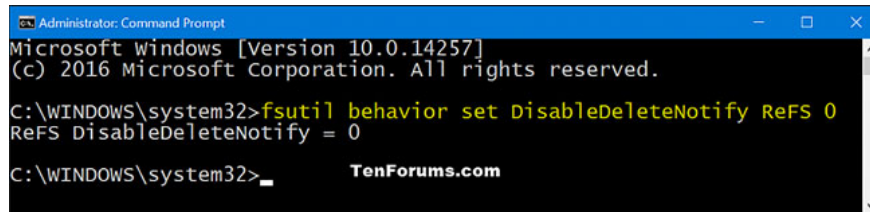
(Activate TRIM support for SSDs with ReFS)

```
fsutil behavior set disabledeletenotify ReFS 0
```

Or:

(Disable TRIM support for SSDs with ReFS)

```
fsutil behavior set disabledeletenotify ReFS 1
```



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14257]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>fsutil behavior set DisableDeleteNotify ReFS 0
ReFS DisableDeleteNotify = 0

C:\WINDOWS\system32>_
```

How to turn off TRIM support for NTFS and ReFS file systems

6. When done, you can Command Prompt if desired.

You finished reading the article "**How to enable / disable TRIM support for SSDs in Windows 10**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.