

Newsletter article - To shut down or not to shut down – leaving computer on 24 hours a day?

Newsletter article - TeamViewer – suggest using this link rather than the link in the newsletter – if you are allowing someone to connect to your computer:

<https://www.teamviewer.us/>

scroll below picture to “Download Quicksupport”. Have to run install process and provide UAC approval but does not require full install the program

Reminder – do not let anyone connect to your computer using TeamViewer or any other program unless you are sure they are who they represent themselves to be.

Google Maps vs Waze

<https://www.howtogeek.com/349022/google-maps-vs.-waze-which-one-is-really-better/>

Buy Fake Facebook Account

<https://www.howtogeek.com/fyi/remind-its-really-easy-to-buy-fake-facebook-accounts/>

What is GDPR Privacy Law

<https://www.howtogeek.com/353717/what-is-gdpr-and-what-does-it-mean-for-you/>

Can you plug Surge Protectors and Extension Cords into each other?

<https://www.howtogeek.com/353337/can-you-plug-surge-protectors-and-extension-cords-into-each-other/>

Defrag SSD Windows 10

Defrag secrets for hard drive and SSD

<https://www.zdnet.com/article/windows-10-tip-defrag-secrets-for-hard-disks-and-ssds/>

Windows defrags SSD but it is okay

<https://lifelacker.com/windows-does-defragment-ssds-but-its-okay-1666753409>

Should I defragment my SSD?

Let Windows do its job. Once per month it does a real full defrag, also on a SSD, to optimize the internal meta data.

The short answer is, yes, Windows does sometimes defragment SSDs, yes, it's important to intelligently and appropriately defrag SSDs, and yes, Windows is smart about how it treats your SSD.

Here is a reply from Microsoft:

Storage Optimizer will defrag an SSD once a month if volume snapshots are enabled. This is by design and necessary due to slow volsnap copy on write performance on fragmented SSD volumes. It's also somewhat of a misconception that fragmentation is not a problem on SSDs. If an SSD gets too fragmented you can

hit maximum file fragmentation (when the metadata can't represent any more file fragments) which will result in errors when you try to write/extend a file. Furthermore, more file fragments means more metadata to process while reading/writing a file, which can lead to slower performance.

As far as ReTrim is concerned, this command should run on the schedule specified in the dfrgui UI. ReTrim is necessary because of the way TRIM is processed in the file systems. Due to the varying performance of hardware responding to TRIM, TRIM is processed asynchronously by the file system. When a file is deleted or space is otherwise freed, the file system queues the trim request to be processed. To limit the peek resource usage this queue may only grow to a maximum number of trim requests. If the queue is of max size, incoming TRIM requests may be dropped. This is okay because we will periodically come through and do a ReTrim with Storage Optimizer. The ReTrim is done at a granularity that should avoid hitting the maximum TRIM request queue size where TRIMs are dropped.

So install Windows on the SSD and forget it. Windows will do everything on its own.
<https://superuser.com/questions/1150641/should-i-defragment-my-ssd>

Windows 10 creates new OEM partition

<https://borncity.com/win/2018/05/02/windows-10-v1803-update-creates-a-new-oem-partition/>

Windows kept sending notifications that a drive was almost full. Determined this was a partition created by a Windows update. Unable to use Disk Management to remove drive letter - not an option. Instead used fix #2 to remove the mount point.

Router exploits

If you own router, make sure to change the admin password to other than default. If renting router from ISP, options to manually configure router may be limited.

To see if router is susceptible to latest Russian hacking exploit – DNS Hijacking, go to f-secure and run test.

<https://campaigns.f-secure.com/router-checker/>

Routers potentially infected with malware - VPNFilter

<https://www.howtogeek.com/fyi/500000-routers-are-infected-with-malware-and-potentially-spying-on-users/>

Local power outage - able to continue working with laptops - fortunately had them charged to 100% and also have Karma hotspot so was able to get on Internet to check Consumers for outage updates. Charter was not affected but battery backup for router/modem only provides power for a limited time. Could use phone but have limited phone plan so try to limit use of phone for data.

Gmail email account is also my Microsoft account. So if mail is sent to that email address it goes to email account. But if log onto Microsoft.com and check email it shows it as an outlook account but looks to be exactly the same address? How to send email to the outlook address?

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