

How to Increase Backup Performance

<https://campus.barracuda.com/doc/39819925/>

It can take longer to back up multiple small files in comparison to one large file. To improve performance during backup:

- Turn off virus scanning on Windows systems, this can double performance
- Upgrade network interface card (NIC) drivers to the latest release
 - Barracuda Networks has encountered issues with several server network cards which were resolved by upgrading the network driver.
- Increase system background performance over foreground performance
 - Uninstall unused/unnecessary programs
 - Remove unnecessary files using a program such as [Disk Cleanup](#) to remove temporary files, empty the Recycle Bin, and to remove other unnecessary items
 - Run fewer programs when the Backup is scheduled to run
- Apply the latest service packs and system patches
- Review data fragmentation levels; you can set [Disk Defragmenter](#) to run on a schedule or run it manually
- If appropriate, add secondary physical disks to the system to increase performance
- Add additional memory to the system
- Use RAID devices for greater throughput
- Review the system controller
- Install the Barracuda Agent on a less used partition rather than a heavily used partition

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