



REASONS TO BACK UP YOUR DATA



is World Back Up Day and the day's mission is helping individuals and corporations prevent data loss.

Global Data Center Back-up and Recovery Software market size is estimated to grow at CAGR of 4% with **\$1.40 billion** during the forecast period 2020-2023.



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TYPES OF BACK UP



1. FULL BACKUP

is when all selected files and folders are backed up. It's the most comprehensive backup process, taking longer to complete and requiring more space than other types of backups.

2. INCREMENTAL BACKUP

is a backup of all the changes to data since the last backup was performed. This last backup can be a full backup or the previous incremental backup.

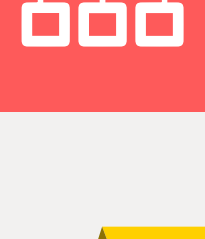


3. MIRROR BACKUP

is when an exact copy is created from the source data. When a file in the source is deleted, the same file is also eventually deleted from the mirror backup.

4. FULL PC BACKUP

Rather than just copying the data on the computer, a full PC backup also records an image of the computer's structure. This image is like a snapshot of the entire drive and can be stored in a compressed or uncompressed version.

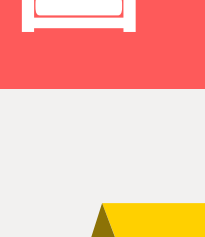


5. LOCAL BACKUP

is any backup where the means of storage is kept close (usually in the same building or office) which is why they're called 'local'.

6. OFFSITE BACKUP

These backups separate the data between locations in order to prevent data from being affected by storing it in multiple places. The initial backup will be done locally but once the storage medium is taken to another location (a separate office building, a data center), that data becomes an 'offsite' backup.

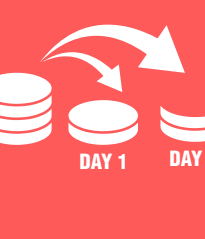
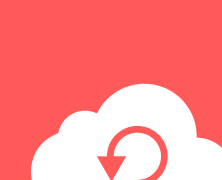


7. REMOTE BACKUP

is a form of an offsite backup. The difference is that you have access to and can restore the backups while you're located anywhere. This is why it's called a remote backup. You will not need to physically be in the storage facility to have access to the backup.

8. ONLINE BACKUP

(also known as a cloud backup) is a backup that is done on a recurring basis to a storage medium that's constantly connected to the device being backed up.



9. DIFFERENTIAL BACKUP

falls between full backups and incremental backups. This is because an incremental backup records the changes to data since the last backup of any kind and a differential backup records all changes made to the data since its last full backup.

10. FPT BACKUP

is done via File Transfer Protocol (FTP) over the internet to an FTP server. This server is usually located in a data center away from the source data that is being backed up.



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REASONS FOR DATA BACKUP



DATA SECURITY

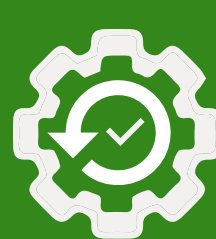
Backups keep your important files safe and secure from data loss. You can also encrypt the backup file or the storage media for added security.

1

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EASY RECOVERY

Backup is the most reliable, easiest, and the safest way to restore your lost files after data loss. A regular backup can get back up to 100% files without much effort. However, files created, updated, or added to the system between backup cycles won't be restored. For that, you need a data recovery software.



3

SAVES BUSINESS

Data is the most important asset for business. A study shows that 60% business can't survive even 6 months after data loss. With regular backup, one can ensure data security and business continuity in the event of data loss.

4

PEACE OF MIND

When you take regular backups or automate the backup tasks, it gives you a sense of data security. And thus, you don't have to worry about various factors that often lead to data loss.



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SAVES TIME & MONEY

Backup saves a significant of resources that you would otherwise need to spend on restoring the lost data. With proper backups, the restoration process is easy and effortless. Otherwise, you may need spend several days or weeks to get back your lost data with the help of a professional data recovery service.



Sources:

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<https://fox2now.com/news/world-backup-day-how-safe-is-your-data/>

<https://www.news9.com/story/41757840/data-center-back-up-and-recovery-software-market-2020-globally-market-size-share-analysis-research-business-growth-and-forecast-to-2023-by-market>