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* *What are the best practices in doing OS backup and recovery and performance optimization?*

Data is the most critical and crucial aspect in business and even in a person’s personal life. To keep these data safe and secure against data loss and theft there must be a good data backup strategy that must be implemented.

Data Backup basically means to make a copy of the original data in order to have a backup copy incase of emergency. It will be used if the original data has been deleted, corrupted or stolen.

There many best practices that are implemented in doing OS backup, recovery, and performance optimization. Here are some of those best practices according to GeekFlare Articles:

1. Regular and Frequent Data Backup – data backup should be done regularly. It may be done once a week but it is most preferably to back up data daily.
2. Use Multiple Methods – It is wise to use multiple storage device in storing backup data. An organization can use multiple external hard drives or use cloud platforms.
3. Consider Endpoints – backing up the database is not the only thing one should backup, endpoints such as desktop, laptops, and tablets that employees use to perform their tasks should also perform data backups.
4. Encrypt Backup Data – apart from doing data backup an Admin can opt to encrypt the data to ensure security and give it an added layer for security.
5. Perform Regular Tests – It does not end in just backing up the data. Performing test backup and recovery will help the admin to become aware of the shortcomings in the policy and methods and will be able to perform necessary updates.

**References:**

Nath Bipasha (November 2, 2022). 7 Data Backup Best Practices Everyone Should Follow. Retrieved from: <https://geekflare.com/data-backup-best-practices/>. Date: February 20, 2023