

Data backup and recovery strategy process [Mandatory]

- Develop a backup and recovery strategy to prevent data loss in case of hardware failures, errors or disasters
- Specify the acceptable data loss in case of a disruption. This determines how frequently backups need to be taken to minimize data loss
- Determine recovery time objectives (RTO) and recovery point objectives (RPO) for each database. These define the acceptable downtime and data loss limits
- Implement regular and consistent database backups. Use full, differential, and incremental backup strategies based on your RPO and RTO requirements
- Periodically simulate recovery scenarios to ensure that your recovery plan is accurate and effective. Test various scenarios, including partial and complete failures
- Conduct a full recovery test where you simulate a complete system or data loss and use your backups to restore everything. This tests the entire recovery process from start to finish

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