

Graded Quiz: Back Up and Restore Databases

1. Which of the following explains one reason that you should schedule or automate your backups?

1 / 1 point

- ☐ Faster backup
- ☐ Save storage space
- ☒ Less user impact
- ☐ Stop data loss

✓ Correct

Correct. Automated backups can be performed outside business hours or on weekends.

2. Which of these is a characteristic of hot backups?

1 / 1 point

- ☐ Cannot be used in 24/7 environments
- ☐ Does not result in performance degradation for users
- ☐ Stored on external drives
- ☒ Has no impact on availability

✓ Correct

Correct. Hot backups allow users to continue with their activities.

3. Full database backups restore data to the state it was in when the backup occurred. A way around this is to run a point-in-time backup/recovery. What is the first and most important step needed in point-in-time backups?

1 / 1 point

- ☐ Apply new full backup recovery
- ☒ Enable transaction logging
- ☐ Run DML statements before backups
- ☐ Store multiple copies of full backup

✓ Correct

Correct. Enabling the transaction logs on a database so you can use the information in the log file to reapply the transactions to restore the database.

4. Which of these is true about differential and incremental backups?

1 / 1 point

- ☐ Incremental backups back up user data, while differential backups back up tables.
- ☐ They are essentially identical.
- ☐ Incremental backups copy anything specified
- ☒ Differential backs up data since the last full backup, while incremental backs up data since the last backup of any type.

✓ Correct

Correct. this is how differential backups perform.

5. Which of these are important key considerations when using backup and restore?

1 / 1 point

- ☐ Storage level snapshots
- ☐ Backup scheduling
- ☐ Correct cloud provider
- ☒ Validated backup files and functional restore plan



Correct

Correct. always check that the backup file or files are valid and the restore plan is successful.