

# Restoring MySQL Using Bare-Metal Restore

## Symptom

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I used Bare-Metal Restore to restore the system where MySQL database is stored. The Bare-Metal Restore has been completed successfully.

`innodb` says that database was not shut down correctly and is starting recovering. This phase takes a few seconds and MySQL starts fine, with no visible issues.

## Cause

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This is normal and expected. The database was not shut down during backup and it was a hot backup on snapshot.