

# Hardcore Internals of SQL Server IO

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# How are we going to do this?



Basic SQL Server I/O Lifecycle

## Maintenance Operations

- Altering Databases
- Building Indexes
- Backup/Restore Basics
- DBCC CHECKDB

## Variations on the lifecycle

- Recovery and reading the tlog
- Buffer Pool Extension
- Tempdb
- Resource Governor
- Hybrid/Cloud I/O Scenarios
- Hekaton and Filestream

## Bits and Bytes

- The Hidden Gem
- The SQL IO Table
- Tools





# DEMO



Thank you!