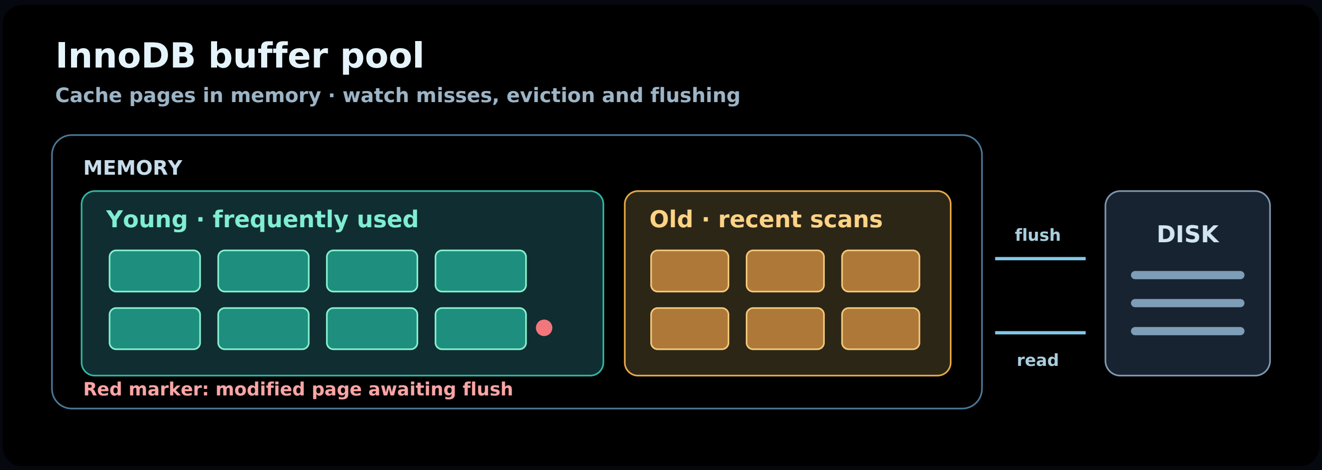
InnoDB

Duthaho · 2026 9 28

MYSQL INNODB BUFFER-POOL PERFORMANCE



InnoDB

##

`innodb_buffer_pool_size` InnoDB `innodb_page_size` 16 KiB

64 GiB 48 GiB

```
SHOW GLOBAL STATUS WHERE Variable_name IN (
  'Innodb_buffer_pool_read_requests',
  'Innodb_buffer_pool_reads',
  'Innodb_buffer_pool_pages_dirty',
  'Innodb_buffer_pool_wait_free'
);
```

`ΔInnodb_buffer_pool_reads / ΔInnodb_buffer_pool_read_requests` `Innodb_buffer_pool_wait_free`

##

InnoDB LRU **old** **young**

`innodb_old_blocks_pct` old MySQL 8.4 37 `innodb_old_blocks_time` MySQL 8.4 1000

[illegible]

[illegible] `innodb_buffer_pool_dump_at_shutdown` [illegible] `innodb_buffer_pool_load_at_startup` [illegible]

`innodb_buffer_pool_dump_pct` [illegible]

[illegible] I/O[illegible] 80% [illegible]

[illegible]redo [illegible]

InnoDB [illegible] redo [illegible] `innodb_flush_log_at_trx_commit=1` [illegible] redo [illegible] I/O[illegible]

Change Buffer [illegible] `innodb_buffer_pool_instances=8` [illegible] MariaDB 10.5

[illegible]

[illegible] I/O[illegible] SQL [illegible]

[illegible] MySQL 8.4 [illegible] GiB [illegible] 1 GiB [illegible] 99% [illegible]

[illegible]

[illegible]

[illegible] Medium [illegible] 2025-08-22 [illegible]