



Getting Started with Performance Schema



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Agenda



What is Performance Schema

Why Learn Performance Schema

How Performance Schema Works

Getting Started with First Script



What is Performance Schema?

Performance Schema is a feature for monitoring MySQL Server execution at a low level and enables users to inspect internal execution of the server at runtime.



Why Learn Performance Schema?

What are resource bottlenecks for MySQL queries?

Which SELECTs are taking most resources in the query?

Which are the longest running queries in my server?

What are my most frequent UPDATE queries?

What statements are running and slowing down server at this moment?

Which queries are using temporary tables to sort resultset?

What are "Hot" (frequently used) tables in MySQL?



Performance Schema
IS NOT
Information Schema



Performance Schema Notes

Monitors Server Events

Current, History and Summary

Stored in `performance_schema` database

Temporary Views or Tables

Supports All Platforms



Does Performance Schema
Monitoring Impact Server
Performance?



Impact of Performance Schema On Server Performance



Minimal Impact on Server Performance

No Excessive Memory Allocation

Continuous and Unobtrusive Monitoring

No Impact on Parser

Priority to Server Code Execution

Backward Compatibility with Versioning



Demo



Getting Started



```
[mysqld]  
performance_schema
```

Enable Performance Schema

my.cnf on Linux/Unix

my.ini on Windows



Summary



Performance Schema

- What?
- Why?
- How?
- Impact on Performance

