

Database Monitoring (New Relic)

What is New Relic?

In the context of MySQL, New Relic provides monitoring and performance management capabilities through its Application Performance Monitoring (APM) and Infrastructure Monitoring features.

- **Monitor Query Performance:** Track the execution time, throughput, and response times of MySQL queries. Identify slow queries and potential bottlenecks affecting application performance.
- **Transaction Tracing:** Trace individual transactions from your application through to MySQL database interactions. This helps pinpoint which parts of your application are causing database load or delays.
- **Database Errors:** Capture and alert on MySQL database errors that occur during application operations.

Benefits of Using New Relic with MySQL

- **Performance Optimization:** Identify and resolve MySQL query performance issues that impact application responsiveness and user experience.
 - **Troubleshooting:** Quickly diagnose and troubleshoot database-related problems such as slow queries or database errors affecting application functionality.
 - **Capacity Planning:** Forecast MySQL server resource requirements based on historical performance data and trends monitored by New Relic.
 - **End-to-End Visibility:** Gain comprehensive insights into the entire application stack, from front-end application performance to backend MySQL database operations.
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<https://www.ans.co.uk/docs/monitoring/installnewrelic/>

Revision #1

Created 2024-06-29 17:48:24 UTC by Daniel

Updated 2024-06-29 17:54:10 UTC by Daniel