

Surveillance DB™

Product Feature Spotlight

Feature Overview: SQL Time Slicing

To further bolster Bradmark's most comprehensive monitoring and event managements solution available, **Surveillance** now offers more extensive capabilities in the SQL area that provide even faster problem identification and resolution across your most critical database environments. Below is a use case scenario that demonstrates SQL Time Slicing usage.

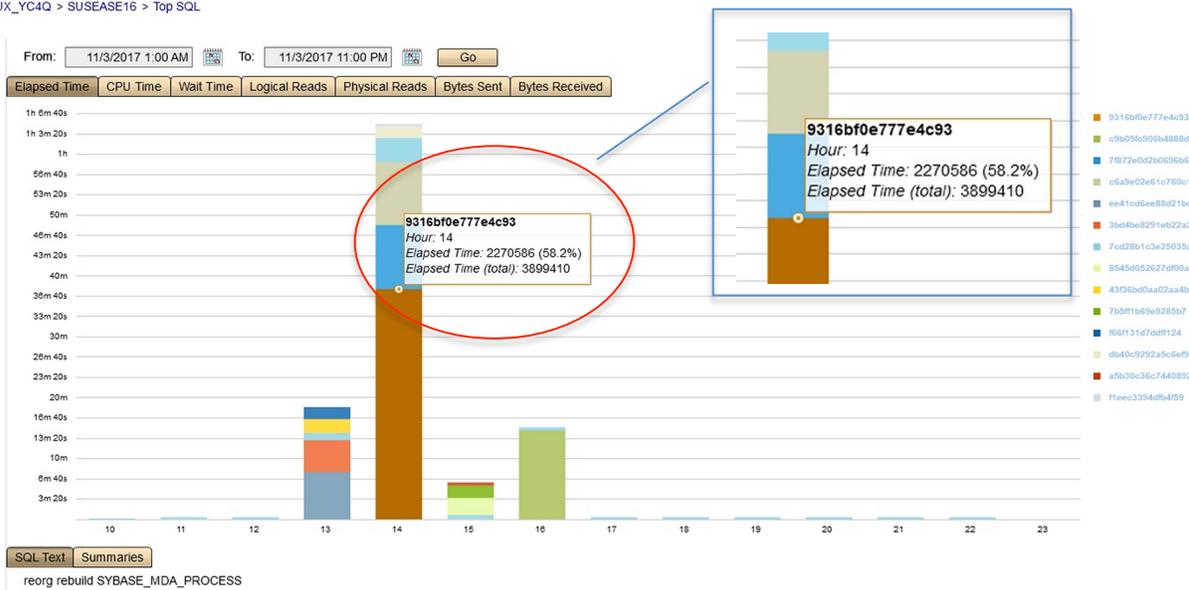
Zero-In on Critical Resource Consumption

Unable to get the timely answers you need when you're flooded by end-user calls or management questions...asking: **Why was the system running so slowly yesterday?**

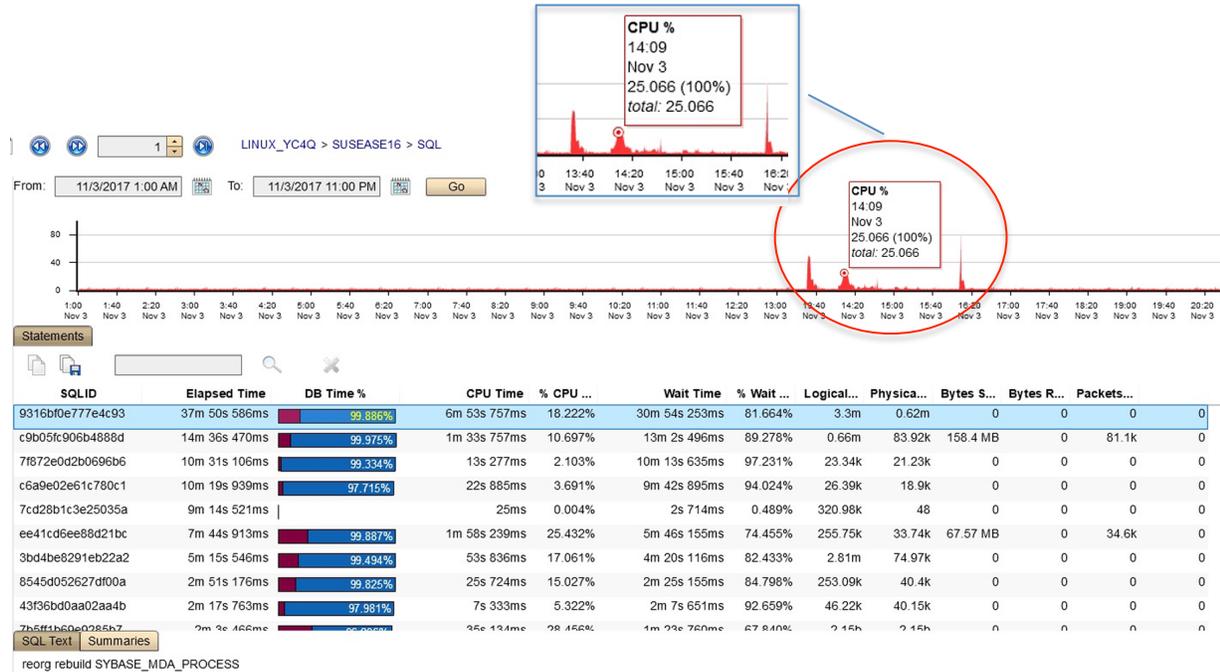
With **Surveillance Time Slicing** feature you can avoid the time-intensive task of tracking down the right answers by identifying top resource consumption within a selected time period. This allows IT professional to quickly address specific database performance issues that may have occurred. Below shows an example of SQL activity during a specific time of day, and how Surveillance can quickly track down the culprit.

By executing the **Top SQL By the Hour**, we see several tasks that were running. Notice how there is more activity between 14:00 and 15:00. Clicking on this area reveals the SQL that is responsible. In this instance, an online reorg rebuild occurrence was impacted.

LINUX_YC4Q > SUSEASE16 > Top SQL



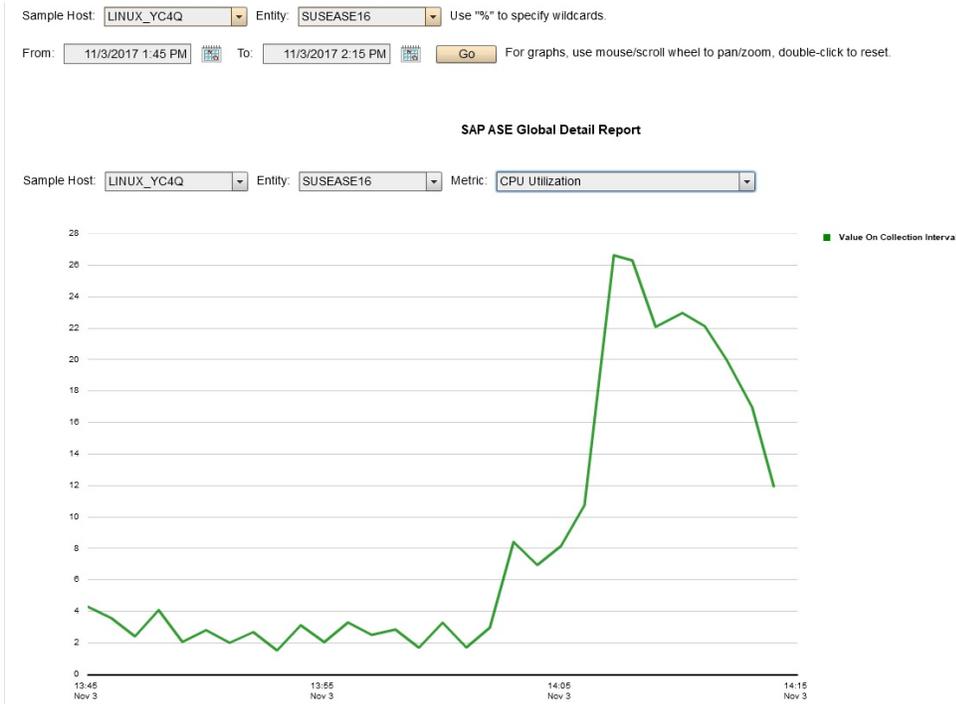
Analyzing SQL overtime shows this was not the highest peak, but it appears that it was the only one which really impacted user performance... the peak at 14:09 was an indication to where to go next...



By evaluating the issue further via the **Current Statement** window (using **Flashback** to show SQL running at 14:09), we are now able to gather more details, including the SQL plan used.



Finally, by highlighting peak **CPU Utilization**, you can now send a detailed PDF report to the application manager identifying the impact of his reorg during the daytime hours.



Additional Time Slicing benefits:

Compare and check impact changes of end-of-the-week, and end-of-the-month jobs or tasks - Or, use to compare increases or decreases of EOW, EOM jobs and find out about crucial trends or sudden changes.

Evaluate the impact of query runs - Help development teams and application builders check the impact of query changes.

Summary

Whether it's an application, nightly batch run or a round-the-clock 24/7 operation, **Surveillance SQL Time Slicing** will save you time identifying and addressing specific database performance issues that may have occurred. And by combining Real-Time Dashboards, Flashback and Historical Repository data for Reporting, **Surveillance** also helps you better correlate critical diagnostic information and provides a complete picture into the entire database environment — **all from a single UI.**

Next Steps!

Discover why IT operations worldwide rely on Bradmark's proactive approach to effectively oversee and manage performance activity across SAP's HANA, (Sybase) ASE, IQ and Replication Server, Microsoft's SQL Server, Oracle, IBM's DB2-LUW and Informix database environments.

[CLICK HERE
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A DEMO!](#)

Request a ***"no obligation"*** demo with one of our product experts to review SQL Time Slicing... as well as many other powerful capabilities **Surveillance DB** has to offer!

For more Information, or for general sale and product inquiries:
Email info@bradmark.com or call **1 800-621-2808**.

Links to additional product information:

- ▶ [Surveillance Monitoring Overview](#)
- ▶ [Surveillance Product Demo Request](#)
- ▶ [Bradmark Product Webcasts](#)

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