



Rocket® TMON™ for Db2®

Performance monitoring
for IBM® Db2® for z/OS®
applications



Elevated organizational efficiency

Rocket® TMON™ for Db2® greatly improves business application performance by proactively monitoring critical Db2 resources. It provides the needed insight and alerts staff to quickly resolve complex Db2 and SQL issues. This ensures optimized end-user response times and maximized Db2 application availability.

Quickly resolve business service issues related to Db2

Promptly identify the root cause of performance problems in Db2 and related systems to ensure your business-critical applications remain available and efficient. From high-level Db2 subsystem details to the low-level performance impact of SQL statements, you gain the information needed to mitigate costly performance degradation and downtime.

TMON for Db2 provides essential in-depth analysis and reporting to validate service levels and continuously strengthen application performance.

```
Jobname: QT43D61T      Thread Detail (Page 1 of 2)      Date: 12/12/24
Db2V12 : HCIG.510      Collected      Time: 5:37:21
COMMAND:                CYCLE: MMSS
                        _GPRV? _GNXT?
Conn ID : RRSADF        Plan Name: ?RRSAF        Thread State : ACCUMAC OLD
Conn ID : TSSTD2T        Auth ID : TSSSTC        Connect Type : RRSATCH
EUserTxID:                EndUserID:                End: 2024/12/12-01:12:40
Rqst LOC : RSI2HCIG      Start: 2024/12/12-00:59:40
LUW ID : ROCKNET1.HCIGDB2.E021CE454B24.00001
Acct Tokn: TSSTD2T      _I/O Resources
Rollup : YES            WLM serv Class:        _Lock Resources
Child Tsk: NO            Child/Agents :         _Sort Resources
Parallel : NO            Parallel Tasks: 14     _Accelerator Stats

Timings:
Elapsed Time : 0.8308      CPU (Spec Eng)
In Db2 Time : 0.7955      CPU (Spec Eng)
In Db2 Wait : 0.1014      CPU (Spec Eng)
IFI Time : 0.0000        CPU (Spec Eng)
Package Time : 0.0000     CPU (Spec Eng)
Pkg wait Time : 0.0000   CPU (Spec Eng)
Parallel Tasks: Parent    CPU (Spec Eng)

Help Information = PF1      QT43D61      PF Key Assignments = PA1
```

View a breakdown of all thread and CPU consumption details.

Features and benefits

- Enhances application availability.
- Analyzes real-time data and logging on SQL statement performance.
- Provides real-time and historical performance monitoring.
- Isolates problems rapidly.
- Monitors and manages by user-defined exceptions and offers alerts, actions, and messages.
- Monitors active data threads across system-wide data sharing groups.
- Displays executed stored procedure and user-defined functions.
- Provides insight into resource contention.
- Robust application and performance analysis tools, along with online and batch reporting.
- Allows easy installation and maintenance.
- Integrates with TMON PA and Anomalytics.

With easy-to-use navigation and real-time access to critical metrics, it simplifies performance analysis and reporting. Historical logs allow you to review past performance trends, while TMON hot links enable you to view Db2 threads and analyze related CICS® transactions.

The solution's reporting, combined with TMON PA's capacity planning for trend analysis tools, enable your organization to forecast growth and manage budgets effectively in response to dynamic changes driven by new applications.

Seamless integration with TMON One solution lets you drill down into detailed information across environments, ensuring rapid problem analysis and resolution.

Rocket® NaviPlex™ combines availability and performance data from all TMON monitors enterprise-wide into a single Windows® application. Receive proactive alerts via WTO, e-mail, text messaging, and SNMP, along with automated actions to prevent application degradation and outages. The solution also enables you to dynamically adjust storage limits and kill runaway transactions, minimizing Db2 subsystem outages.

Optimize SQL application performance

According to industry experts, 80% of ERP applications performance degradation comes from generated SQL. SQL Analyzer is integrated with the Db2 performance monitor and can help you to identify and tune SQL applications to obtain the highest efficiencies possible without impacting overall Db2 performance.

Stmnt#	Exp	SQL Stmt Text	Query#	Sect#	Stmnt ID	Iso	Acc
1183	N	COMMIT	-1	0	46998		
2382	N	OPEN C1	-1	1	46999		
2405	N	FETCH C1 INTO : H , : H , : H	-1	1	47000		
2420	N	COMMIT	-1	0	47001		
2443	N	CLOSE C1	-1	1	47002		
2451	N	COMMIT	-1	0	47003		
2473	N	OPEN C2	-1	2	47004		
2498	N	FETCH C2 INTO : H , : H , : H	-1	2	47005		
2512	N	COMMIT	-1	0	47006		
2534	N	CLOSE C2	-1	2	47007		
2569	N	COMMIT	-1	0	47008		
2671	N	OPEN C3	-1	3	47009		
2695	N	FETCH C3 INTO : H , : H , : H	-1	3	47010		
2711	N	COMMIT	-1	0	47011		
2733	N	CLOSE C3	-1	3	47012		
2765	N	COMMIT	-1	0	47013		

View and tune SQL text to improve performance.

Supported environments/ platforms/ operating systems

- IBM® mainframe z/OS®
- The SQL Analyzer feature is included with TMON for Db2
- Rocket® TMON™ PA
- Rocket® NaviPlex™

Supported databases

- IBM® Db2®

Resources

- [Rocket® TMON™ One](#)

[Get a demo](#)

About Rocket Software

Rocket Software is the global technology leader in modernization and partner of choice that empowers the world's leading businesses on their modernization journeys, spanning core systems to the cloud. Trusted by over 12,500 customers and 750 partners, and with more than 3,000 global employees, Rocket Software enables customers to maximize their data, applications, and infrastructure to deliver critical services that power our modern world. Rocket Software is a privately held U.S. corporation headquartered in the Boston area with centers of excellence strategically located around the world. Rocket Software is a portfolio company of Bain Capital Private Equity. Follow Rocket Software on [LinkedIn](#) and [X \(formerly Twitter\)](#) or visit RocketSoftware.com to learn more.

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