

ASG-TMON® FOR DB2®

IBM DB2 Performance Monitor for z/OS

OVERVIEW

ASG-TMON® for DB2®, along with the SQL Analyzer feature, offers a Performance Management solution with the scalability to meet the challenges of complex enterprise systems head on. ASG-TMON for DB2 and SQL Analyzer greatly improve overall DB2 availability by proactively managing DB2 applications and critical DB2 resources. Together, they provide the needed insight to quickly resolve complex DB2 and SQL issues, resulting in optimized end user response times and maximized DB2 application availability.

QUICKLY AND PROACTIVELY ISOLATE AND RESOLVE BUSINESS SERVICE ISSUES

Whether a company’s critical business relies upon CICS® TS, ERP, CRM, WebSphere®, WebSphere MQ® or IMS® applications, ASG-TMON for DB2, along with SQL Analyzer, quickly isolates DB2 problems, alerts staff, and provides the information needed to successfully meet the dynamic demands of the DB2 environment.

ASG’s integrated solution enables an organization to quickly pinpoint the root cause of problems stemming from DB2 or related environments such as CICS and WebSphere MQ®. From the high-level DB2 subsystem details to the low-level performance impact of an SQL statement, ASG’s solution provides the information necessary to improve business application availability, thus limiting costly performance degradation and downtime.

COMPREHENSIVE PERFORMANCE ANALYSIS AND REPORTING

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JOBNAME: NASTDB          Thread Detail (Page 1 of 2)          DATE: 10/22
DB2V10 : DA1E.NFM      Current          TIME: 15:59:19
COMMAND:                CYCLE: MMSS
                        _GPRV? _GNXT?
Conn ID  : T51EDU01     Plan Name: DSN8CC0   Current State: INDB2-PLAN
Corr ID  : ENTRD8CS0001 Auth ID  : CICSUSER   Connect Type  : CICSATCH
EUserTxID: ENTRD8CS     EndUserID:           Ace Token    : 13226F10
Rqst Loc : NA01DA1E     ConnState: T        Start: 10/22-15:59:01
PackageID: DSN8CC2     _I/O Resources
LUW ID   : USASG.NA01DA1E.D6E95840436E.00001  _Locked Resources
Acct Tokn: USASG.NASC001:13226F100000         _Sort Resources
Rollup   : NO           WLM Serv Class:     _SQL Statistics
Child Tsk: NO          Child/Agents : 0     _Accelerator Stats
Parallel : NO          Parallel Tasks: 0
    
```

Timings:	Elapsed	CPU	CPU (Spec Eng)
CL1 (Acct) :	18.0558	0.0034	0.0000
CL2 (InDB2) :	18.0159	0.0032	0.0000
CL3 (Wait) :	0.0864	N/A	N/A
CL5 (IFI) :	0.0000	0.0000	N/A
CL7 (Package) :	18.0331	0.0029	0.0000
CL8 (PkgWait) :	0.0864	N/A	N/A
Parallel Tasks:	N/A	0.0000	0.0000

```

HELP INFORMATION = PF1          NASTDB          PF KEY ASSIGNMENTS = PA1
    
```

View a breakdown of all thread and CPU consumption details

BENEFITS

- Improves application availability
- Provides real-time and historical performance monitoring
- Isolates problems rapidly
- Monitors and manages by exception and offers alerts, actions, and messages
- Reduces resource contention
- Provides robust application and performance analysis tools along with online and batch reporting
- Allows easy installation and maintenance
- User Interfaces: 3270, 3270 style Web Browser, ASG-NaviPlex Windows Client
- Integrated with the ASG-TMON and ASG’s EAMS™ Enterprise Automation Management Suite

COMPLEMENTARY ASG PRODUCTS:

ASG-TMON Performance Analyzer: A next generation IT capacity planning, performance management, and team collaboration solution

ASG-TriTune: Pinpoints performance bottlenecks

Analysis and reporting are essential for the validation of business service levels and the improvement of application performance.

ASG-TMON for DB2 offers real-time monitoring features for the health of the entire DB2 enterprise. Through the ASG-TMON product suite's seamless integration, users can drill down to detailed information in related environments and provide rapid problem analysis and resolution.

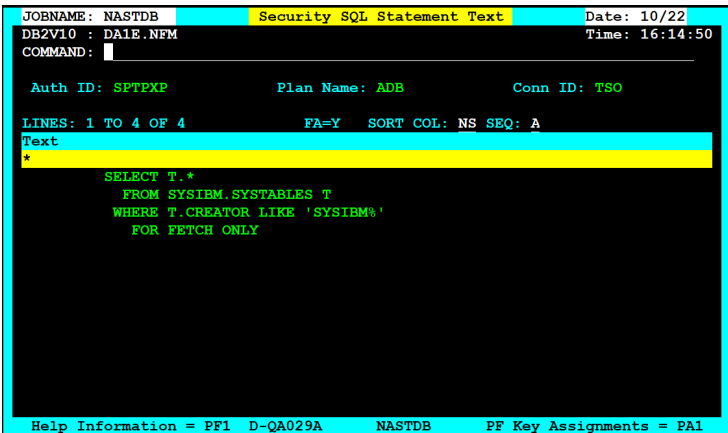
ASG-TMON for DB2 includes online/offline features for performance analysis and reporting that help meet business service objectives through real-time access to data, visualizing and correlating metrics, and historical reporting. Using ASG-TMON for DB2's features for reporting, capacity planning, and analytical workbench for trend analysis, enables an organization to meet the ongoing challenges of forecasting growth and budgets amidst dynamic changes driven by new applications and customer access via the Internet. Data can be exported to other third-party products, helping to better leverage existing IT investments.

ASG-TMON for DB2 and ASG-NaviPlex® provide alerts via WTO, e-mail, text messaging, and SNMP, along with proactive, automated actions that can prevent application degradation and outages. ASG offers an optional batch report viewing and archiving management solution, ASG-z/OS Performance Reporting Management, with access/management via traditional 3270 on z/OS and a Web browser via the Internet.

ASG's Enterprise Automation Management Suite (EAMS) solutions allow the integration of products and data from both ASG and third-party products for the ultimate performance management solution.

OPTIMIZE SQL APPLICATION PERFORMANCE

According to industry experts, 80 percent of ERP applications performance degradation comes from generated SQL. SQL Analyzer is the industry's only product integrated with a DB2 performance monitor that can help to identify and tune SQL applications to obtain the highest efficiencies possible without impacting overall DB2 performance.



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JOBNAME: NASTDB          Security SQL Statement Text          Date: 10/22
DB2V10 : DA1E.NFM          Time: 16:14:50
COMMAND:
Auth ID: SPTXPX          Plan Name: ADB          Conn ID: TSO
LINES: 1 TO 4 OF 4          FA=Y  SORT COL: NS SEQ: A
Text
*
SELECT T.*
FROM SYSIBM.SYSTABLES T
WHERE T.CREATOR LIKE 'SYSIBM%'
FOR FETCH ONLY
Help Information = PF1 D-QA029A  NASTDB  PF Key Assignments = PA1

```

View and tune SQL text to improve performance

TECHNICAL SPECIFICATIONS

Supported Environments/ Platforms/Operating Systems

- Supports IBM mainframe z/OS 1.10 and later
- The SQL Analyzer feature is included with ASG-TMON for DB2

Supported Databases

- ASG-TMON for DB2 V4.1 supports DB2 V7.1 through 9.1
- ASG-TMON for DB2 V5.0 supports DB2 V10 and later

Additional Information

- Some real-time alerting and reporting features require ASG-NaviPlex, the ASG-TMON product suite's centralized enterprise management console, which requires a Microsoft Windows Server and/or client

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