

IBM IMS Performance Analyzer for z/OS, Version 4.1

Highlights

- **Supports IMS Versions 8 and 9**
- **Provides comprehensive performance analysis and tuning assistance for IMS**
- **Delivers end-to-end transit analysis for all types of transaction workloads**
- **Provides complete picture of transaction life cycle through IMS Connect and IMS log reporting**
- **Manages reporting requirements across the IMS enterprise through ISPF dialog or batch interface**
- **Offers DBRC Log selection for quick and easy log report requests**
- **Provides comprehensive IMS monitor reporting, including Fast Path**

IBM IMS™ Performance Analyzer for z/OS®, Version 4.1, has become the standard for IMS resource and performance management. The database management tool provides a wide variety of performance, usage and availability reports that can help you:

- *Analyze transaction response time.*
- *Measure usage and availability of important resources, including databases, programs, regions, buffers (including database) and queues (message and other internal queues).*
- *Plan for IMS operational management, including scheduling database reorganizations, monitoring service level adherence, charge-back accounting and capacity planning.*
- *Monitor significant system events that can adversely affect system performance and availability.*
- *Boost system and application programmer productivity.*
- *Report critical performance information—from high-level management summaries to detailed traces for in-depth analysis.*
- *Analyze the impact of IMS Connect on transaction performance.*

New reports and features

IMS Performance Analyzer offers several new reports and features:

- *Improved Transaction transit reports using Forms technology*
- *Consolidated IMS Connect and IMS log transit and trace reporting*
- *Log reporting enhancements*
- *DBRC Log selection enhancements*
- *Interactive system productivity facility (ISPF) dialog enhancements*

Improved Transaction Transit reports with Forms technology

IMS Performance Analyzer provides a new suite of Form-based transit reports that offer the same functionality as Version 3 transit reports, but significantly improve accuracy and flexibility. You can more easily customize report content and format in the following ways:

- *Tailor transit report content, using Report Forms, to include only required metrics or to summarize information according to your specific requirements.*
- *Design customized transit reports (no programming required) using the Report Forms editor.*
- *Request up to 30 different Form-based reports in a single job run.*
- *Use Form-based transit reports for IMS log and IMS Connect reporting.*

- *Improve IMS log transaction transit reporting through the ability to exploit additional log record types for more accurate transit times, gain microsecond precision for all elapsed times, use additional transit performance indicators and resource usage metrics, and distinguish between locally and globally processed shared-queue transactions.*

Consolidated IMS Connect and IMS log transit reporting

The reporting for IMS Connect Extensions for z/OS (5655-K48) Event data provides end-to-end IMS Connect and IMS log reporting. The new Connect Transit reports give a complete picture of transaction life cycles as they pass through IMS Connect and IMS, allowing you to, in a single report:

- *View Connect event latencies and IMS transaction processing metrics—including queue times and CPU and database resource usage statistics.*
- *Use Report Forms to include IMS Connect and IMS log metrics.*
- *View the IMS Connect transaction end-to-end life cycle by showing Connect and IMS events together.*

Enhanced log reporting

IMS Performance Analyzer log reports include several enhancements:

- *Transaction Resource Usage report sorts by Program name for DBCTL*
- *Database Update Activity report optionally sorts by database and program*
- *Message Queue Utilization report optionally shows only enqueued messages*
- *Fast Path Buffer Usage report substitutes job name for routing code for BMPs*
- *Deadlock summary report provides additional levels of detail*
- *System Checkpoint provides a distribution of checkpoint activity*

DBRC Log Selection

DBRC Log selection provides new enhancements:

- *Uses IMS Version 9 DBRC RECON API in place of the DBRC utility DSPURX00*
- *Optionally selects OLDS data sets when no SLDS data sets are available for up-to-date report requests*

ISPF dialog

ISPF dialog enhancements include:

- *New Report Forms that allow you to tailor the format of transit reports to suit personal reporting requirements*
- *System Definitions improvements that allow Groups to include Connect systems for combined IMS Connect and Log reporting*
- *Log Report Set that provides improved Form-based transit reports*
- *Connect Report Set that provides a suite of improved Form-based transit reports and the ability to combine Connect and IMS log information in a single report*

System considerations

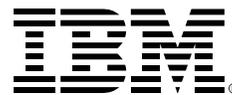
IMS Performance Analyzer for z/OS V4.1 is designed to operate on IMS V8.1 (5655-C56) and IMS V9.1 (5655-J38). IMS Performance Analyzer for z/OS V4.1 will operate on any hardware configuration that supports the required versions of IMS.

For more information

Please contact your IBM representative or IBM Business Partner or visit:

ibm.com/software/data/db2imstools

When ordering IMS Performance Analyzer, please specify the following program number: 5655-R03



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