

ASG-TMON® FOR IMS™

Monitors and Manages IBM® IMS TM/DB

OVERVIEW

ASG-TMON® for IMS™ offers a performance management solution with the scalability to meet the challenges of complex enterprise systems head-on. It greatly improves overall IMS availability by proactively managing IMS applications and critical resources. ASG-TMON® for IMS™ provides the needed insight to quickly resolve complex IMS system and applications issues, resulting in optimized end-user response times and maximized availability.

QUICKLY ISOLATE AND RESOLVE ISSUES

ASG-TMON for IMS quickly isolates problems, alerts staff, and provides the information needed to successfully meet the dynamic demands of the IMS environment. ASG's integrated solution enables an organization to quickly pinpoint the root cause of problems stemming from IMS systems, databases, and applications.

ASG-TMON for IMS offers real-time monitoring features for the health of the entire IMSplex enterprise. Through the ASG-TMON® product suite's seamless integration and its ability to drill down to detailed information in IMS and related environments (e.g., CICS®, DB2®, and WebSphere® MQSeries®), the solution provides rapid problem analysis and resolution. Potential problems appear on a screen that identifies and graphically displays critical resource status and exceptions.

```

JOBNAME: YKTIM35                                Thread Summary                                DATE: 10/29
APPLID : I13A                                TIME: 12:40:39
Command: I                                    Cycle: MMES

Lines: 1 to 4 of 4                                PM=Y      Sort Col: MS Seq = A      > 1

Line Command      Regn      Sched      Trans      PSS      Trans      PSS      DB      IMS      Tot      IMS      Regn
Job Name      Type      Thrd      Status      Rate      Rate      Total      T/0s      Calls      CPU      Time      Cncl

I13AP11      IFP      1      Waiting      0.0      0.0      0      0      0      0.000      0.0
I13AP12      IFP      3      Waiting      0.0      0.0      0      0      0      0.000      0.0
I13AP13      IFP      4      Waiting      0.0      0.0      0      0      0      0.000      0.0
I13A0M1      PPF      2      Idle      0.0      0.0      0      0      0      0.000      0.0

```

HELP INFORMATION = PF1 D-QA029A YKTIM35 PF KEY ASSIGNMENTS = PA1

JOBNAME: YKTIM35 Active Threads DATE: 10/29
APPLID : I13A TIME: 12:42:20
Command: I

Lines: 1 to 2 of 2

Job Name	Type	Thrd	Regn	Sched	Looks	DB	IMS	CPU	Regn	Cycle	MMES
BMP15A1	BMP	DFRIVP6	N/A	5	OS-WT	0	4	3	0.00	100.0	
BMP15A2	BMP	DFRIVP6	N/A	6	OS-WT	0	0	1	0.00	100.0	

HELP INFORMATION = PF1 D-QA029A YKTIM35 PF KEY ASSIGNMENTS = PA1

Drill into all active threads and view task consumption

JOBNAME: YKTIM35 Active BMP Details DATE: 10/29
APPLID : I13A TIME: 12:42:45
Command: I

Thread Information

Job Name	Type	Thrd	Regn	Sched	Trans	PSS	Trans	PSS	DB	IMS	Tot	IMS	Regn	Cycle	MMES
BMP15A1	BMP	DFRIVP6	N/A	5	OS-WT	0	4	3	0.00	100.0					

Thread Status

Job Name	Type	Thrd	Regn	Sched	Trans	PSS	Trans	PSS	DB	IMS	Tot	IMS	Regn	Cycle	MMES
BMP15A1	BMP	DFRIVP6	N/A	5	OS-WT	0	4	3	0.00	100.0					

Statistics

Job Name	Type	Thrd	Regn	Sched	Trans	PSS	Trans	PSS	DB	IMS	Tot	IMS	Regn	Cycle	MMES
BMP15A1	BMP	DFRIVP6	N/A	5	OS-WT	0	4	3	0.00	100.0					

HELP INFORMATION = PF1 D-QA029A YKTIM35 PF KEY ASSIGNMENTS = PA1

View all details related to a current task

JOBNAME: YKTIM35 Potential Problem Areas DATE: 10/29
APPLID : I13A TIME: 12:43:40
Command: I

Lines: 1 to 12 of 12

Description	Value	Threshold
IMS Not Sched Pgm Collect	0	
IMS Not Sched DB Intent	0	
Active PFTs in Subq 3	1	
Active PFTs in Subq 4	0	
Active PFTs in Subq 5	0	
Active PFTs in Subq 6	0	
IRLM / PI Waiters	1	
DB Contentions	0	
Stopped Transactions	0	
Stopped PSBs	0	
Stopped Transaction Pipes	0	
% Recovery Buffers in Use	0.00	

HELP INFORMATION = PF1 D-QA029A YKTIM35 PF KEY ASSIGNMENTS = PA1

Quick analysis of all problem areas in one view

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
- Simplifies monitor administration by automatic discovery of changes in IMS subsystems
- Provides robust application and performance analysis tools along with online and batch reporting
- Allows easy installation and maintenance
- Integrates all other ASG-TMON®

ASG-TMON® for IMS™ 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. From the high-level IMS subsystem details to the low-level performance impact of an IMS application statement, ASG's solution provides the information to improve business application availability, thus limiting costly performance degradation, downtime, and expensive upgrades.

ASG's Performance Management solutions integrates products and data from ASG and third-party products, including ASG-TMON®, for the ultimate performance management solution.

COMPREHENSIVE PERFORMANCE ANALYSIS AND REPORTING

Analysis and reporting are essential for the validation of service levels and the improvement of application performance. ASG-TMON® for IMS™ includes both online and offline features for performance analysis and reporting.

These features help to meet service objectives through real-time access to data, the visualization and correlation of metrics, and historical reporting. Through online and batch reporting for problem analysis, performance measurement, capacity planning, and chargeback, the solution enables an organization to meet the ongoing, real-time management and long-term challenges of forecasting growth and budgets among dynamic changes driven by new applications and customer access via the Internet.

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 Web browser via the Internet. Recorded IMS log data can be imported into the ASG-TMON® for IMS™ Supertrace feature for online viewing, and for performing trace functions against archived IMS logs and active IMS systems. Also, recorded ASG-TMON® for IMS™ data can be exported to other ASG and third-party products using comma-delimited and sequential file formats, resulting in improved leverage of existing IT investments.

TECHNICAL SPECIFICATIONS

Supported Environments/ Platforms/Operating Systems

- IBM® mainframe
z/OS 1.6 and later
- IMS TM/DB/FastPath
9.1 and later
- IMS OTMA, CQS, ESAF (IBM
DB2, Websphere MQ®)
- Integrated with third-
party products from Merrill
Consultants and BMC Software

Supported Databases

- IBM IMS Full Function
- FastPath
- DB2

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