

ASG-TMON® FOR CICS® TS/VSE

For Monitoring and Managing CICS TS for VSE

OVERVIEW

CICS® system programmers and data center managers need a reliable way to fine-tune CICS TS system performance and improve overall system and business application availability. ASG-TMON® for CICS TS/VSE™'s Performance Monitor enables you to track key system statistics for all CICS/TS jobs and terminate runaway transactions, reducing the time typically needed to monitor a complex CICS transaction system.

AN INTEGRATED PERFORMANCE MONITORING AND MANAGEMENT SOLUTION

ASG provides a user-friendly interface that allows you to use direct commands or menu options to move quickly and seamlessly between ASG-TMON for z/VSE, ASG-TMON for CICS TS/VSE, and ASG-VM Contention Monitor. This provides a central point for monitoring and managing system and business application performance.

ASG-TMON for CICS TS/VSE provides multiple levels of information to help ensure peak business application efficiency. Using an easy-to-use, drill-down approach to system and application tuning, it enables CICS performance management at every level.

The solution monitors multiple CICS partitions across systems, presenting a global view and providing quick access to promptly identify and resolve CICS performance issues. By monitoring CICS transactions in real time, ASG-TMON for CICS TS/VSE delivers critical information on task wait and exception states and exception explanations, notifying you of problem tasks as they occur. Armed with these capabilities, you can identify transaction problems immediately and access detailed information on transaction statistics, system history, and environmental history.

Jobname: TVC62A1R		Inflight Tasks				Date: 10/30					
Screen: TVCE6061 (+)						Time: 10:26:22					
Command: _____						Cycle: MMSS					
Filter: ##### # ##### #		Action: I				(I=Include; E=Exclude)					
Task Tran Term E Base		Total File Dom. Req. +====Resource=====									
No. ID ID S Program Stat		CPU I/O Mode Type + Type Name *									
-	99	TMON	R000	E	TVC601	Run	.000	XMQR	QC02		
-	36	CSNE		S	DFHZNAC	Susp	.000	XMQR	ZC	DFHZNAC1	
-	34	IESO		E	IESOPINI	OldW	.009	210 XMQR	OE0E	EKCWAIT	SINGLE
-	29	CXPB		E	DFHCXPB	OldW	.000	XMQR	OPEN_ANY	DFHPSP10	
-	22	CSNC		E	DFHCXNP	VSE	.000	XMQR	CSNC	MROQUEUE	
-	21	CSSY		E	DFHAPATT	OldW	.000	XMQR	KCCOMPAT	SINGLE	
-	19	CSSY		E	DFHAPATT	OldW	.000	XMQR	RECEIVE	DFHPSP10	
-	7	CSSY		S	DFHAPATT	Susp	.000	XMQR	ICEXPIRY	DFHAPTIX	
-	6	CSSY		S	DFHAPATT	Susp	.000	XMQR	ICMIDNTE	DFHAPTIM	
-	TCP	CSTP		E	DFHCSTP	OldW	.004	XMQR	TCP_NORM	DFHZDSP	
				S		Susp		TIQR	TIEXPIRY	DS_NUDGE	
				S		Susp		SMQR	SMSYSTEM		
Help Information = PF1 TVC62A1R / R62A PF Keu Assignments = PF2											

ASG-TMON for CICS TS/VSE is a comprehensive and integrated toolset for monitoring every area of CICS TS for VSE.

BENEFITS

- Integrates with the ASG-TMON z/VSE family of performance management solutions
- Analyzes system performance, both online and offline
- Identifies and resolves performance issues
- Tunes and debugs CICS systems and applications
- Performs history reporting, long-term trend analysis, capacity planning, and performance management

IMPORTANT NOTICE:

As of V2.9 ASG-TMON for CICS/VSE is not supported on operating level systems higher than z/VSE 4.2. IBM will not be supporting CICS/VSE with z/VSE 4.3. Customers migrating to z/VSE 5.1 must use ASG-TMON for CICS TS/VSE 3.0.

The solution can also automatically terminate applications that are negatively impacting overall application and system performance, canceling tasks that exceed a user-defined threshold, such as storage consumption, CPU consumption, total I/O counts, and elapsed run time. This proactive approach minimizes business impact before it becomes severe.

Because you cannot always identify a problem when it occurs, ASG-TMON for CICS TS/VSE supplies online daily history and recent transaction activity for all CICS TS partitions for near-term problem analysis. To address reporting requirements, it includes a batch report writer utility with sample reports for historical analysis. ASG-TMON for CICS TS/VSE monitors critical CICS storage utilization across systems, displaying CICS dynamic storage area (DSA) and GETVIS utilization statistics on a current and historical basis. Temporary storage, transient data statistics, and CICS control blocks and tables are also provided.

While monitoring CICS is important, other activity may be affecting application and system performance. ASG-TMON for CICS TS/VSE presents a snapshot of all z/VSE activity that is currently running in conjunction with your CICS TS environment to assist in problem identification.

ASG-TMON for CICS TS/VSE's VM Contention Monitor component provides you with a view into critical VM system resources, including VM storage, processor, and I/O contention information—all from a VSE perspective. Monitoring interfaces also allow you to collect information about DB2, DL/I, user databases, and 4GL utilization by application name to further assist in CICS application problem resolution.

ASG-TMON for CICS TS/VSE provides you with the ultimate performance management solution for z/VSE and CICS. It gives you real-time, historical information and analysis along with a reporting tool to assist you in preventing costly business application and system outages and poor performance.

Jobname: TVC62A1R		Inflight Task Detail				Date: 10/30					
Screen: TVCE6062						Time: 10:33:35					
Command:											
Task#	TranID	TermID	LName	OpID	UserID	Base Pgm	Curr Pgm	Start Tm			
99	TMON	R000	TCPP0896	.	DVLXM	TVCE601	TVCE606	10:26:22			
I/O Activity		Count	Tot.Time	Time		Exceptions					
File I/O Req:		0	.0000	Disp:	.0000*	DSA:	0	LSR:	0		
Jour Out Req:		0	.0000	Wait:	.0000	FLE:	0	TS:	0		
Total TS Req:		0	.0000	CPU:	.0001	Storage Allocations					
Total TD Req:		0	.0000								
# Pgm Loads:		0	.0000	CDSA:	0	UDSA:	0	RDSA:	0		
DatBas Calls:		0	.0000	ECDSA:	3456	EUDSA:	10992	ERDSA:	0		
Status:				SDSA:	0	ESDSA:	0				
				RETURN							
Files Accessed		Enqueues Held		Strings Held							
Help Information = PF1 TVC62A1R / R62A PF Key Assignments = PF2											

ASG-TMON for CICS TS/VSE provides a graphical interface to comprehensively monitor and manage performance.

TECHNICAL SPECIFICATIONS

Supported Environments/Platforms/Operating Systems

- V3.0 and later of ASG-TMON for CICS TS/VSE requires CICS/TS 1.1 or later and z/VSE 5.1 and later (64 bit)

Supported Databases

- IBM® DB2®, IBM DL/I, Software AG Adabas®, CA datacom® and other third-party databases

Additional Information

- Integrated with ASG-TMON z/VSE and VSE solutions: ASG-TMON for z/VSE, VM Contention Monitor. ASG recommends you purchase the complete solution suite for the most comprehensive z/VSE monitoring solution

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ASG Technologies | 1.239.435.2200 or 1.800.932.5536 | 708 Goodlette Road North, Naples, Florida USA 34102 | www.asg.com

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