

rademar	ks		
			[[[
eNetwork	DFSMS/MVS	IMS	RMF
geoManager	DFSMSdfp	IMS/ESA	RS/6000
AD/Cycle	DFSMSdss	IP PrintWay	S/390
ADSTAR	DFSMShsm	IPDS	S/390 Parallel Enterprise Server
AFP	DFSMSrmm	Language Environment	SecureWay
APL2	DFSORT	Multiprise	StorWatch
APPN	Enterprise System 3090	MQSeries	Sysplex Timer
BookManger	Enterprise System 4381	MVS/ESA	System/390
BookMaster	Enterprise System 9000	Network Station	System REXX
C/370	ES/3090	NetSpool	SystemView
CallPath	ES/4381	OfficeVision/MVS	SOM
CICS	ES/9000	Open Class	SOMobjects
CICS/ESA	ESA/390	OpenEdition	SP
CICS/MVS	ESCON	OS/2	VisualAge
CICSPlex	First Failure Support Technology	OS/390	VisualGen
COBOL/370	FLowMark	Parallel Sysplex	VisualLift
DataPropagator	FFST	Print Services Facility	VTAM
DisplayWrite	GDDM	PrintWay	WebSphere
DB2	ImagePlus	ProductPac	3090
DB2 Universal Database	Intelligent Miner	PR/SM	3890/XP
DFSMS	IBM	QMFr	z/OS
	IBM System z	RACF	z/OS.e
Domino (Lotus De DFS (Transarc Co Java (Sun Microsy	velopment Corporation) Tivoli (1 poration) Tivoli M stems, Inc.) (Tiv Instruct Corporation) Tivoli	ivoli Systems Inc.) anagement Framework voli Systems Inc.)	UNIX (X/Open Company Limited) Windows (Microsoft Corporation) Windows NT (Microsoft Corporation









































specification are applied. .NO_ENTRY allows you to specify the default processing you want for messages that are NOT identified in any of the active MPFLSTxx parmlib members.

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Commands for a Refresh



F LLA, REFRESH CSV2101 LIBRARY LOOKASIDE REFRESHED K M,UEXIT=Y CNZZ016I Message Flood Automation policy initialized. IEE712I CONTROL PROCESSING COMPLETE SET MPF=J3 IEE252I MEMBER MPFLSTJ3 FOUND IN SYS1.PARMLIB IEE712I SET MPF PROCESSING COMPLETE D MF, STATUS CNZZ042I Message Flood Automation V2R0M00 DISABLED. 289 Policy INITIALIZED. Using PARMLIB member: internal Intensive modes: REGULAR-OFF ACTION-OFF SPECIFIC-OFF Message rate monitoring DISABLED. 0 msgs 0 secs **Redbooks** © Copyright IBM Corp. 2007. All rights reserved.



MSGFLDxx Parmlib Member Statement Types



- □ comment statements /*-----text-----*/
- □ msgtype statements (classes)
 - > REGULAR, ACTION, and SPECIFIC
- DEFAULT statements
 - Default action taken for a specific address space that exceeds job threshold message rates or a specific message that exceeds message threshold message rates
- DEFAULTCMD statements
 - Specifies the default command that is issued if a CMD action has been specified for the address space
- □ JOB statements
 - Identify up to 10 specific jobs for which specific actions are to be taken if REGULAR or ACTION messages from the job are involved in a message flood
- MSG statements
 - Defines up to 30 specific messages for specific actions are taken if the message is involved in a message flood

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MSGFDLxx Parmlib Member in CNZZMFXX Samplib Member

	REGULAR MSGTHRESH=50, JOBTHRESH=20, INTVLTIME=1	
	REGULAR SYSIMTIME=2, JOBIMTIME=2	
	DEFAULT LOG, NOAUTO, NODISPLAY, NOCMD	
	DEFAULTCMD '&, CANCEL & cancelled by Message Flood Automation'	
	JOB AOC%NV* AUTO	
	JOB LLA* AUTO	
	JOB ZAP1 CMD	
	ACTION MSGTHRESH=50, JOBTHRESH=20, INTVLTIME=1	
	ACTION SYSIMTIME=2, JOBIMTIME=2	
	DEFAULT LOG, NOAUTO, NODISPLAY, NOCMD, NORETAIN	
	DEFAULTCMD '&, CANCEL & cancelled by Message Flood Automation'	
	JOB AOC%NV* AUTO,RETAIN	
	JOB LLA* AUTO	
	JOB ZAP2 CMD	
	SPECIFIC MSGTHRESH=50, INTVLTIME=1	
	SPECIFIC SYSIMTIME=2	
	SPECIFIC MSGIMTIME=2	
	SPECIFIC MSGLIMIT=20	
	DEFAULT LOG,NOAUTO,NODISPLAY,NORETAIN	
	MSG IOS001E	
	MSG IOS003A	
	MSG IOS050I	
	MSG IOS051I	
	MSG IOS071I	
	MSG IOS251I	
	MSG IOS444I	
D .	MSG IOS450E	
-	Converse IDM Corp. 2007. All views recorded	-





Message Class Types and Parameters					
'E=SPECIFIC	MSGTYPE=	MSGTYPE=ACTION	MSGTYPE=REGULAR		
VLTIME	INTVL	INTVLTIME	INTVLTIME		
		JOBIMTIME	JOBIMTIME		
		JOBTHRESH	JOBTHRESH		
SIMTIME	MSGI				
GLIMIT	MSG				
THRESH	MSGT	MSGTHRESH	MSGTHRESH		
SIMTIME	SYSIN	SYSIMTIME	SYSIMTIME		
'S	SY		SYSIMTIME Redbooks © Copyright IBM Corp. 2007		

Message Class Control Defaults					
REGULAR MSGTHRESH=50 REGULAR JOBTHRESH=20 REGULAR INTVLTIME=1 REGULAR SYSIMTIME=2	The following command can be used is any of the following forms:				
REGULAR JOBIMTIME=2 ACTION MSGTHRESH=50 ACTION JOBTHRESH=20 ACTION INTVLTIME=1 ACTION SYSIMTIME=2 ACTION JOBIMTIME=2	DISPLAY MSGFLD, MSGTYPE=msgtype, keyword DISPLAY MF, MSGTYPE=msgtype, keyword D MSGFLD, MSGTYPE=msgtype, keyword D MF, MSGTYPE=msgtype, keyword For example: D MF, MSGTYPE=REGULAR, MSGTHRESH CNZZ3011 Value of PECILIAR MSGTHRESH is 20				
SPECIFIC MSGTHRESH=50 SPECIFIC MSGLIMIT=20 SPECIFIC INTVLTIME=1 SPECIFIC SYSIMTIME=2 SPECIFIC MSGIMTIME=2					









Guidelines for Specifications





Setting Thresholds Based on Message Rates















Commands for Message Flood ONIOFF

```
SET MSGFLD=00
 CNZZ016I Message Flood Automation policy initialized.
 CNZZ4011 Message Flood Automation loading: MSGFLD00
 CNZZ410I Message Flood Automation loading of MSGFLD00 complete.
 SETMF ON
 CNZZ0411 Message Flood Automation ENABLED. PARMLIB member:MSGFLD00
 D MF, STATUS
 CNZZ042I Message Flood Automation V2R0M00 ENABLED.
 Policy INITIALIZED.
                      Using PARMLIB member: MSGFLD00
 Intensive modes: REGULAR-OFF ACTION-OFF SPECIFIC-OFF
 Message rate monitoring DISABLED.
                                          0 msgs
                                                           0 secs
 SETMF OFF
 CNZZ0411 Message Flood Automation DISABLED. PARMLIB member: MSGFLD00
 D MF, STATUS
 CNZZ042I Message Flood Automation V2R0M00 DISABLED.
 Policy INITIALIZED. Using PARMLIB member: MSGFLD00
 Intensive modes: REGULAR-OFF ACTION-OFF SPECIFIC-OFF
 Message rate monitoring DISABLED.
                                          0 msgs
                                                           0 secs
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```

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Modify the Message Flood Parameters



