













Resource Measurement Facility	
zAAP: Support in z/OS RMF	
<ul> <li>RMF supports IFA processors by extending the</li> <li>Postprocessor CPU activity report</li> <li>Postprocessor Workload report</li> <li>Monitor III Enclave report</li> </ul>	C.
<ul> <li>In detail</li> <li>RMF distinguishes between standard CP and IFA processors where necessa</li> <li>Collects and reports about IFA service times</li> <li>Collects and reports about IFA using and delay states for service class and report class periods</li> </ul>	ary
<ul> <li>Following SMF record types are extended</li> <li>SMF record 70 subtype 1 (CPU activity)</li> <li>SMF record 72 subtype 3 (Workload activity)</li> <li>SMF record 79 subtype 1 and 2 (Address space state and resource data)</li> </ul>	
<ul> <li>This support will be shipped as SPE (APARs OA05371, OA07950)</li> <li>PTFs will be available for z/OS V1R5 RMF</li> </ul>	
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_			ZAA	P: Monito	or I CP	J Report	
					<b>C D U D C</b>		(
PU	2084	z/OS V1R6 MODEL 304		SYSTEM ID WEBD RPT VERSION VIR	5 RMF E	TART 07/28/2004-17 ND 07/28/2004-17	.10.00 INTERVAL 000.10.00 .20.00 CYCLE 1.000 SECONDS
C1	PU TYPE	ONLINE TIME PERCENTAGE	LPAR BUSY TIME PERC	MVS BUSY TIME PERC	CPU SERIAL NUMBER	I/O TOTAL INTERRUPT RATE	% I/O INTERRUPTS HANDLED VIA TPI
0 1 2 3	CP CP CP CP TOTAL	100.00 100.00 100.00 100.00 /AVERAGE	99.65 99.62 99.58 99.53 99.60	99.67 99.64 99.60 99.54 99.61	01911C 01911C 01911C 01911C	1.97 1.79 1.50 3492 3497	18.66 19.72 21.29 1.04 1.07
4 5 6 7	IFA IFA IFA IFA	100.00 100.00 100.00 100.00	66.31 59.49 49.32 38.91	66.17 59.36 49.22 38.83 53.40	01911C 01911C 01911C 01911C	•	
FA	AVERA	GE	53.51	55.40	NEW !		
* * * *	CPU New The I A TO	section is gr type column /O related co TAL/AVERA	rouped per indicates v olumns are AGE line is	processor type whether the pro only available f printed per proc	cessor belo or CPs, not cessor pool	ngs to the pool o for IFAs	of CPs of IFAs

	z	/05 V1	R6			SYSTEM RPT VE	I ID W	EBD V1R5	STAR RMF END	T 07/28/2004-1 07/28/2004-1	7.10.00 INTE 7.20.00 CYCL	WAL 000. 1.000 S	10.00 ECONDS		
MVS PART IMAGE CA NUMBER C WAIT COM DISPATCH	PACIT PACIT F CON PLETI	NAME Y FIGURE ON RVAL	d part	ITIONS	; D	LP1 167 6 NO YNAMIC			NUMB	BER OF PHYSICAL	PROCESSORS CP ICF		16 8 8		
	- PAR	TITION	DATA				L	OGICAL	PARTITION PRO	CESSOR DATA	AVERAGE	PROCESSO	R UTILIZATI	ON PERCENT	AGES
NAME	c	WCT	DEE	DU	-CAP	PING WIM%	PROC	ESSOR-	DISPATCH	I TIME DATA	LOGICAL PRO	TOTAL	PHYSIC	AL PROCESS	ORS
LP1	A	50	0	167	NO	0.0	5	CP	00.29.26.356	00.29.27.505	99.94	100.0	0.02	31.23	31.25
LP2	А	50	0	33	NO	0.0	1	CP	00.05.53.443	00.05.53.501	99.98	100.0	0.00	6.25	6.25
LP4 *PHYSICJ	А Ц*	50	0	268	NO	0.0	8	CP	00.47.08.000	00.47.08.008	100.0	100.0	0.00	50.00	50.00 0.00
TOTAL									01.22.27.801	01.22.29.251			0.03	87.48	87.50
ICF2	А	75					8	ICF	00.04.53.443	00.04.53.501	99.98	100.0	0.00	6.25	6.25
IFL4	А	25					3	ICF	00.24.08.000	00.24.08.008	100.0	100.0	0.00	50.00	50.00
*PHYSIC	л .L*	50					6	ICF	00.09.26.356	00.09.27.505	99.94	100.0	0.02	31.23	31.25 0.00
TOTAL									01.22.27.801	01.22.29.251			0.03	87.48	87.50
TOTAL									01.22.27.801	01.22.29.251			0.03	87.48	87.5







Resource Measurement Facility	IEM
zAAP: Monitor III Adaptations	
<ul> <li>Existing CPU utilization values in SYSINFO report (CPU Ut MVS Util%, Appl%, EAppl%) do not consider processor time spent on IFAs</li> </ul>	il%, e
Processor Using and Delay samples consider regular CPs a IFA processors	and
IFA using and delay included in Using%, Delay% and Workflow%	
ExecVelocity% in SYSSUM report contains IFA using and delay samples	
Minor changes only in SYSINFO and ENCLAVE report	
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		Re	soui	ce M	easur	ement	t Facili	ty									]	
_				zA/	<u>AP:</u>	M	onit	or I	II S	YSIN	IFC	R	epc	ort			4	
P.	artition Name	e an	d															e
	Samples:	60		Syst	RM :em: W	IF V1R	5 Sys Date: (	stem : 07/28,	Inform /04 T	atio ime:	Ut P	ilizatio	on of Il sor Po	FA ol	Sec			
	Partition CPs Onlin IFAs Onli	: e: ne:	LF 4. 4.	21 .0 .0	2084 Avg Avg	Mode CPU U MVS U	l 304 til%: til%:	99 99	Ap EA Ap	pl%: ppl%: / pl% IFA	24 95 1: 46	Po: Dat Tir	licy: te: me:	CRWW 06/22 18.03	2/04 3.15			
	Group	т	WFL %	Use TOT	ACT	RESP Time	TRANS /SEC	-AVG PROC	USG- DEV	-Aver PROC	age N DEV	lumbe: STOR	Del SUBS	ayed H OPER	for - ENQ			
	*SYSTEM *TSO		38	81 3	3 0		0.10 0.10	5.7 0.0	0.9 0.0	10.8 0.0	0.1 0.0	0.0	0.0	0.0 0.0	0.0			
	*BATCH *STC		61	0 53	03		0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
	*ASCH *OMVS *ENCLAVE		31	0 2 23	0 0 N/A		0.00 0.00 N/A	0.0	0.0 0.0 N/A	0.0	0.0 0.0 N/A	0.0	0.0 0.0 N/A	0.0 0.0 N/A	0.0 0.0 N/A			
	PERFWKLD CBSRV	W S	32 31	37 23	0	.018 .017	2,256 2,255	4.3 4.2	0.1	9.4 9.4	0.0	0.0	0.0	0.0	0.0			
'																		
	⇒ CP	U%	%, N	1VS%	6, Ap	pl%,	EApp	l% aı	re exc	lusive	ly rel	ated	to C	Ps a	s bef	ore		
		RM	Fat	a Glan	ice											© 2004	IBM Corp	ooration





	Res	ource Measureme	nt Facility				IEM
_		ESS 21	05: ES	S Activ	ity Repor/	t	
	z/05 Vlr	ESS 3 SY CONVERTEI	LINK ST XSTEM ID VSLI D TO Z/OS VIR	CATISTI L 25 RMF	C s DATE 04/13 TIME 10.15.00	mance statistics   + SCSI I/O + PPRC I/O	per ESS adapter
SERIA	AL NUMBER 000002	2399 TYPE-MODEL	2105-800	CDATE	04/13/2004 CTI	ME 10.15.00	CINT 05.00
SAID	ADAPTER TYPE	LINK TYPE	BYTES /SEC	BYTES /OPERATION	OPERATIONS /SEC	RESP TIME /OPERATION	I/O INTENSITY
0004	FIBRE 2Gb	SCSI READ SCSI WRITE	162.1K 2.4M	13.7K 26.5K	11.8 92.5	0.3 0.8	3.9 76.2  80.1
0024	FIBRE 2Gb	SCSI READ SCSI WRITE	156.0K 2.5M	13.9K 26.5K	11.2 93.2	0.3 0.8	3.6 76.8  80.4
0088	FIBRE 2Gb	PPRC SEND PPRC RECEIVE	8.5M 0.0	50.4K 0.0	169.2 0.0	16.1 0.0	2729.9 0.0  2729.9
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	Re	sour	ce Mea	asuren	nent Fa	acility													n
				:	z99	<u>0 E</u> :	xpl	oit	at	io	<u>n</u>								
~					I/0	QUE	UING	A C	ті	v i	тч								
	z/OS V1R5			SYSTEM	ID SYSF	EDMP	DAT	E 02/2	7/20	03		IN	TERVAL	04.59.	955		PAGE	: 1	
TOTAL S	SAMPLES = 300	0 TO	OF = 01	CR-DATE	C 01/21/	2003 C	R-TIME:	12.29	.40	,	ACT: ACT	IVAT	CDE 1.0	00 350	ONDO				
IOP	- INITIATIVE QU ACTIVITY RATE	UEUE - AVG Q LNGTH	% IOF BUSY	- IOP U1 9 I/O S 7 RJ	TILIZATIO START ATE	N INTERNO		% I/C	P SY 1	UESTS DP BUSY	S RETRIE CU BUSY 1	D DV BUSY	 A	 LL B	RETRII CP USY	ES / S DP BUSY	SCH CU BUSY	DV BUSY	
00	503.132	0.05	3.64	503		+ AVG C				0.6	0.0	0.0	2.	02 2	. 0	Nev	N:	0.00	
01	123.609	0.00	1.92	123	8.582 Cal	+ AVG C		France	.7	0.8	0.0	0.0	6.	42 6	A	VG CS	SDLY	0.00	
SYS	626.740	0.04	2.78	626	5.611	649.74	4 74	23 X 3	.6	0.7	0.0	0.0	2.	89 2	.86%	ALMOS STAT	003444500	0.00	
LCU	CONTROL UNITS	DCI MIN	I GROUP MAX DEF	CHAN PATHS	CHPID TAKEN	% DP BUSY	% CU BUSY	AVG CUB DLY	AVG CMR DLY	c	CONTENTI RATE	ON	Q Q LNGTH	AVG CSS DLY					
0031	400A			11	0.573	0.00	0.00	0.0	1.2										
	400B	2	2 2	20	0.583 2.447	28.16 10.90	0.41	1.0	0.1										
				•	3.604	12.79	0.24	0.0	0.2		0.00	)	0.00	0.2					
0032	440A 440B			11 20	0.013	0.00 33.33	0.00	0.0	0.1										
		0	0 2		0.000	0.00	0.00	1.0	0.1		0.00	,	0.00	0.1					
	RM	Fata	Glanc															4 IBM C	



Resource Measurement Facility	IEM
Cryptographic Coprocessors	
<ul> <li>New Monitor I / Postprocessor Report</li> <li>New Overview / Exception Conditions</li> <li>New SMF Record 70, Subtype 2</li> </ul>	(Cr
CRYPTO HARDWARE ACTIVITY	~
z/OS V1R5 SYSTEM ID SYS1 DATE 02/24/2003 INTERVAL 60.00.378 RPT VERSION V1R5 TIME 09.00.00 CYCLE 1.000 SECONDS	
TYPE         ID         RATE         EXEC TIME UTIL%         RATE           PCIXCC         0.00         0.00         0.00         0.00           1         0.01         3205         32.1         0.01           6         83.44         1.1         8.8         0.00           7         0.00         0.0         0.00         0.00	
CRYPTOGRAPHIC ACCELERATOR         ME(1024)          ME(2048)          CRT(1024)          CRT(2048)           TYPE ID RATE EXECTINE UTILÀ         RATE EXEC TINE UTILÀ         RATE EXECTINE UTILÀ         RATE EXEC TINE UTILÀ         RA	
ICSF SERVICES EXECUTED ON PCIXCC         MAC         FIASH           DES ENCRYPTION         DES DERCYPTION         MAC           SINCLE TRIPLE SINCLE TRIPLE GENERANT VERIFY         TENNELATE VERIFY           RATE         4975K         497.5           12438         12438         4975K           SIZE         0.75         100K	
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			Cryp	togr	apł	nic (	Copi	·ocess	ors	•••			-
				WO	RKL	OAD	ACTIV	ΙΤΥ					
	z/05 V1	R5	SYSPLEX RM	PLEX		START 09 END 09	/22/2003-	07.00.00 INTE 08.00.00	ERVAL 00	L.00.00 M	ODE = G	OAL	
			1	OLICY ACT	IVATION	DATE/TI	ME 07/31/	2002 15.55.20	5				
REPORT	BY: POL	ICY=DAILY	WORKLOAD=PRO	UCTN SE	RVICE C	LASS=BAT	CHLOW R	ESOURCE GROUI	P=REGBAT	CH PERIOI	=2 IMPC	RTANCE=2	
TRANSAC	TIONS	TRANSTIME	HHH.MM.SS.TT	DASD	T/0	SER	VICE	SERVICE	ATES	PAGE-IN F	ATES	STO	RAGE
AVG	0.34	ACTUAL	3.48	SSCHRT	0.4	IOC	251	ABSRPTN	25	SINGLE	7.1	AVG	362.54
MPL	0.34	EXECUTION	3.48	RESP	5.2	CPU	1025	TRX SERV	25	BLOCK	0.0	TOTAL	123.50
ENDED	9	QUEUED	:	CONN	3.1	MSO	0	TCB	0.5	SHARED	0.0	CENTRAL	111.52
END/S	0.06	R/S AFFINITY	ζ (	DISC	1.6	SRB	13	SRB	0.0	HSP	0.0	EXPAND	11.97
#SWAPS	12	INELIGIBLE		Q+PEND	0.5	TOT	1289	RCT	0.0	HSP MISS	0.0		
EXCTD	0	CONVERSION		IOSQ	0.0	/SEC	8	IIT	0.0	EXP SNGL	4.9	SHARED	0.00
REM ENC	0.00	SID DEV	4.30					APPT. %	0.3	EXP SHR	0.0		
MS ENC	0.00								0.5	Line Dink			
VELOCIT	Y MIGRA	TION: I/O MG	SMT 9.1% :	NIT MGMT	9.1%								
	RES	PONSE TIME	EX PERF AT	GUST	1G%		EXECUTIO	N DELAYS %			-CRYPTO	*CN	T* *
	HH.MM.	SS.TTT	VEL INDX AD	SP CPU	I/0 T	OT I/O	CPU MPL			UN IDLE	USG I	LY USG	DLY VIE
GOAL			50.0%										
ACTUALS													1
*ALL			6.5% 4.9	.4 5.4	37.4 38	.2 22.3	16.6 0.3			5 83.9	6.8 11	.4 0.8	2.4 0.0
SISA			3.1% 5.5		10.7 40	.5 27.3	19 1 0.1			1 2.2	5.1 12 9 4 10	.2 U.1	2.2 0.0
0100			3.0% 4.2		20.0 35	.0 1/.3	10.1 0.4			1	0.4 10	1.5	2.0/ 0.0
											-	- 2	





Resource Measurem	ent Facility		IEG
WL	rt Class Periods		
<ul> <li>Monitor I         <ul> <li>₩ULMGL Report (Option RCPER)</li> <li>♥Overview Criteria</li> </ul> </li> <li>Monitor III         <ul> <li>\$SYSSUM SYSINFO STORS (one Lin</li> <li>\$SYSRTD SYSWKM GROUP (for selection)</li> </ul> </li> </ul>	e per Períod) ected Períod)	RMF V1R2 Response Time Command ===> WLM Samples: 480 Systems: 5 Date: 03/13/01 Class: DEPTA % 100	
RMF V. WLM Samples: 480 System >>>>	1R2 Sysplex ms: 5 Date: >>>>	Farlout     1     1       TRX     1     1       Goal:     1     1       1.000 sec for 95%     50     1       1     1     1       1     1     1       0    +//++-+++	
Service Definition: SLA200 Active Policy: WORKDA Goa Exec Vel -	1 YS 1s versus Ac Response	<pre>&lt;0.60 0.700 1.0</pre>	
Name T I Goal Act SYSTEM W 60 SYSTEM S N/A 42	Goal N/A	SYSI         all         0.000           SYS2         all         0.000         0.002         0.002         0.017	
DEPTALL W 78 DEPTA R 65 1 75 2 55	1.000 95% 2.000 90%	100% 0.50 92% 0.80	
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		IVIEdS	urem	ent Fac	cility								
		W	'ork	doa	d Lice	nse (	Char	ges	•		-		
License M	anager	relat	ed Da	ata for	the local	Partitio	on				C.		
⇒ WLM We	WLM Weighting and Capping WLM Long-term MSU consumption												
WLM lor	ng-term M	SU con	isumpti	on									
CPU Utiliz	zation f	or all	Part	itions									
🔷 Logical P	rocessors												
Physical	Processor	s											
		RMF	V1R2	CPC	Capacity								
Samples: 59	sy	stem:	RMF2	Date	: 11/29/00	Time:	06.16.	00 Rang	re: 60	sec			
Samples: 59 Partition:	Sys2	stem:	RMF2	Date Model	: 11/29/00 114	Time:	06.16.	00 Rang	re: 60	sec	wide View like		
Samples: 59 Partition: CPC capacit	SYS2 ty: 41	stem:	RMF2 2064 Weigh	Date Model t % of	: 11/29/00 114 Max: 14.2	Time:	06.16. MSU Av	00 Rang erage:	(e: 60 32	sec CEC M I Par	wide View like		
Samples: 59 Partition: CPC capacit Image capac	SYS2 ty: 41 city: 4	stem: .0	RMF2 2064 Weigh WLM C	Date Model t % of apping	: 11/29/00 114 Max: 14.2 %: 5.4	Time:	06.16. MSU Av MSU Ma	00 Rang erage: ximum:	1e: 60 32 62	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac	SYS2 ty: 41 city: 4	stem: .0 10	RMF2 2064 Weigh WLM C	Date Model t % of apping	: 11/29/00 114 Max: 14.2 %: 5.4	Time: 4h 4h	06.16. MSU Av MSU Ma	00 Rang erage: 	32 62	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition	SYS2 ty: 41 city: 4 MSU Def	o 0 1 Act	RMF2 2064 Weigh WLM C Cap Def	Date Model t % of apping Proc Num	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect	Time: 4h 4h Util % Total	06.16. MSU Av MSU Ma - Phy LPAR	00 Rang erage: ximum: sical Ut Effect	e: 60 32 62 :il % - Total	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP	SYS2 ty: 41 city: 4 MSU Def	o 0 1 0 1  Act	RMF2 2064 Weigh WLM C Cap Def	Date Model t % of apping Proc Num	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect	Time: 4h 4h Util % Total	06.16. MSU Av MSU Ma - Phy LPAR 1.1	00 Rang rerage: ximum: rsical Ut Effect 16.0	e: 60 32 62 :il % - Total 17.1	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1	SYS2 ty: 41 city: 4 MSU Def 200	20 20 30 30 40 5  Act 182	RMF2 2064 Weigh WLM C Cap Def YES	Date Model t % of apping Proc Num 2.3	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2	Time: 4h 4h Util % Total 12.1	06.16. MSU Av MSU Ma - Phy LPAR 1.1 0.4	00 Rang rerage: ximum: sical Ut Effect 16.0 2.4	e: 60 32 62 :il % - Total 17.1 2.8	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1	SYS2 ty: 41 city: 4 MSU Def 200 150	stem: 0 0 7 Act 182 129	RMF2 2064 Weigh WLM C Cap Def YES NO	Date Model t % of apping Proc Num 2.3 8.2	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3	Time: 4h 4h Util % Total 12.1 9.8	06.16. MSU AV MSU Ma - Phy LPAR 1.1 0.4 0.1	00 Rang rerage: ximum: sical Ut Effect 16.0 2.4 9.2	ie: 60 32 62 :il % - Total 17.1 2.8 9.3	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1 RMF2	SyS2 ty: 41 city: 4 MSU Def 200 150 40	stem: 0 0 7 Act 182 129 25	RMF2 2064 Weigh WLM C Cap Def YES NO NO	Date Model t % of apping Proc Num 2.3 8.2 2.1	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3 11.5	Time: 4h 4h Util % Total 12.1 9.8 12.4	06.16. MSU AV MSU Ma - Phy LPAR 1.1 0.4 0.1 0.2	00 Rang rerage: ximum: sical Ut Effect 16.0 2.4 9.2 2.6	il % - Total 17.1 2.8 9.3 2.8	Sec CEC MIPart	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1 RMF2 RMF3	SYS2 ty: 41 city: 4 MSU Def 200 150 40 0	stem: 0 0 7 Act 182 129 25 0	RMF2 2064 Weigh WLM C Cap Def YES NO NO YES	Date Model t % of apping Proc Num 2.3 8.2 2.1 2	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3 11.5 8.8	Time: 4h 4h Util % Total 12.1 9.8 12.4 9.3	06.16. MSU Av MSU Ma - Phy LPAR 1.1 0.4 0.1 0.2 0.3	00 Rang rerage: ximum: sical Ut Effect 16.0 2.4 9.2 2.6 1.8	e: 60 32 62 :il % - Total 17.1 2.8 9.3 2.8 2.1	Sec CEC MIPart	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1 RMF2 RMF3 PHYSICAL	SYS2 ty: 41 city: 4 Def 200 150 40 0	stem: 0 0 7 Act 182 129 25 0	RMF2 2064 Weigh WLM C Cap Def YES NO NO YES	Date Model t % of apping Proc Num 2.3 8.2 2.1 2	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3 11.5 8.8	Time: 4h 4h Util % Total 12.1 9.8 12.4 9.3	06.16. MSU Av MSU Ma - Phy LPAR 1.1 0.4 0.1 0.2 0.3 0.1	00 Rang erage: ximum: sical Ut Effect 16.0 2.4 9.2 2.6 1.8	<pre: 60<br="">32 62 ill % - Total 17.1 2.8 9.3 2.8 2.1 0.1</pre:>	Sec CEC M I Part	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1 RMF2 RMF3 PHYSICAL *ICF	SYS2 ty: 41 city: 4 MSU Def 200 150 40 0	stem: 0 0 7 Act 182 129 25 0	RMF2 2064 Weigh WLM C Cap Def YES NO NO YES	Date Model t % of apping Proc Num 2.3 8.2 2.1 2	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3 11.5 8.8	Time: 4h 4h Util % Total 12.1 9.8 12.4 9.3	06.16. MSU Av MSU Ma - Phy LPAR 1.1 0.4 0.1 0.2 0.3 0.1 0.1	00 Rang rerage: ximum: rsical Ut Effect 16.0 2.4 9.2 2.6 1.8 99.9	e: 60 32 62 11 % - Total 17.1 2.8 2.1 0.1 100	Sec CEC MIPart	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1 RMF2 RMF3 PHYSICAL *ICF CF1	SYS2 ty: 41 city: 4 MSU Def 200 150 40 0	stem: 0 0 7 Act 182 129 25 0 32	RMF2 2064 Weigh WLM C Cap Def YES NO NO YES	Date Model t % of apping Proc Num 2.3 8.2 2.1 2 1.0	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3 11.5 8.8 99.9	Time: 4h Util % Total 12.1 9.8 12.4 9.3 99.9	06.16. MSU Av MSU Ma - Phy LPAR 1.1 0.4 0.1 0.2 0.3 0.1 0.1 0.0	00 Rang verage: ximum: sical Ut Effect 16.0 2.4 9.2 2.6 1.8 99.9 99.9	e: 60 32 62 Total 17.1 2.8 9.3 2.8 9.3 2.8 0.1 0.1 100 99.9	Sec CEC MIPart	wide View like tition Data Repo		
Samples: 59 Partition: CPC capacit Image capac Partition *CP DOM1 RMF1 RMF2 RMF3 PHYSICAL *ICF CF1 PHYSICAL	SYS2 ty: 41 city: 4 MST Def 200 150 40 0	stem: 0 0 7 Act 182 129 25 0 32	RMF2 2064 Weigh WLM C Cap Def YES NO NO YES	Date Model t % of apping Proc Num 2.3 8.2 2.1 2 1.0	: 11/29/00 114 Max: 14.2 %: 5.4 Logical Effect 11.2 9.3 11.5 8.8 99.9	Time: 4h 4h Total 12.1 9.8 12.4 9.3 99.9	06.16. MSU Av MSU Ma - Phy LPAR 1.1 0.4 0.1 0.2 0.3 0.1 0.1 0.1	00 Rang erage: ximum: scical Ut Effect 16.0 2.4 9.2 2.6 1.8 99.9 99.9	<pre>e: 60 32 62 32 62 Total 17.1 2.8 9.3 2.8 2.1 0.1 100 99.9 0.1</pre>	Sec CEC MIPart	wide View like tition Data Repo		













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RMF at a Glance	© 2004 IBM Corporation					















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Appendix: Function Reference			
Main Function	Feature	Availability	
zAAP Reporting		OA05731 OA07950	
ESS Link Statistics		OA04877	
Z990 Support	Compatibility Exploitation	OW54347 OW56656	
Crypto Reporting	PCICC+PCICA CCF PCIXCC	z/OS V1R2 RMF OW49808 OW56656	
Coupling Facility Duplexing		z/OS V1R2 RMF	
WLM Enhancements	Report Class Periods Workload License Charges Enqueue Contention Reporting	z/OS V1R2 RMF OW49807 z/OS V1R2 RMF	
Storage Reporting	Above 2G Shared Pages	OW54010 z/OS V1R2 RMF	
64 Bit APIs		z/OS V1R2 RMF	

Resource Measuremer	nt Facility		iem
 Appendix: Function Reference			
Main Function	Feature	Availability	
Multilevel Security		z/OS V1R2 RMF	
RMF Data in Web Browser	Base HTTP Customized Views	z/OS V1R2 RMF OA04291	
RMF PM Java Webstart		OA03250	
RMF LDAP Integration		z/OS V1R2 RMF	
Linux Performance Mon.		RMF Homepage	
msys Exploitation		z/OS V1R5 RMF	
RMF Spreadsheet Reporter (Java Edition)		z/OS V1R5 RMF	
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