

## Partition link incident enablement facility

- Allows routing a link-incident-record event CRW to a particular partition, i.e. z/OS
- New facility in 'Store Channel Subsystem Characteristics' CHSC
- Enabled by new operation code for CHSC 'Set Domain Attributes'.
- If no partition enabled via 'Set Domain Attributes' current processing performed (CRW goes to first active non-idle partition found)
- If multiple partitions have been enabled via 'Set Domain Attributes', PR/SM gives to first active non-idle partition found



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## **Link Threshold recovery facility**

- New facility in 'Store Channel Subsystem Characteristics' CHSC
- Enabled/reset by new operation codes for 'Set Channel Subsystem Characteristics' CHSC (no PR/SM involvement)
- PR/SM code to allow new CHSC 'Store Channel Subsystem Information' to be issued directly by partition



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- New PCCALL ('D9'X) to query current state of HSA storage allocation including absolute increment number and book location
- PR/SM will issue this every time storage allocation request is made or storage may be relocated. PR/SM internal control blocks updated as needed. Includes:
  - Partition activation
  - Partition Attach Storage Element SCLP
  - Partition Assign Storage Increment SCLP
  - Partition Configure Expanded Storage Element SCLP
  - o Partition storage reassignment during optimization
  - Concurrent Book Replacement storage evacuation



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Program Directed IPL

New subcodes of Diag'308'x (IPL Functions) for IPL and dump/re-IPL. Both traditional CCW and SCSI IPL formats are supported.

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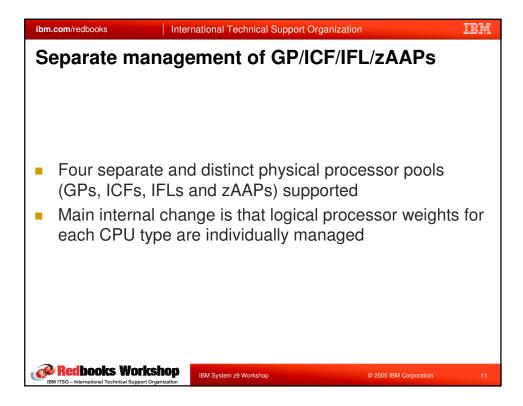
- o subcode 3 -- IPL Clear
- subcode 4 -- IPL Normal/Dump
- o subcode 5 -- Set IPL Parameters
- o subcode 6 -- Store IPL parameter
- The IPL parameters used when a program-directed re-IPL is issued are those which were provided by Diagnose '308'x 'set IPL parameters' or the last IPL, whichever is most recent.
- CCW-type re-IPL LPAR actions are identical to those that take place through the existing Support Element / LPAR interface.

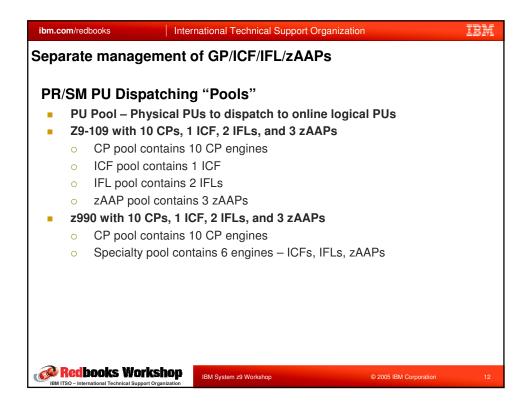


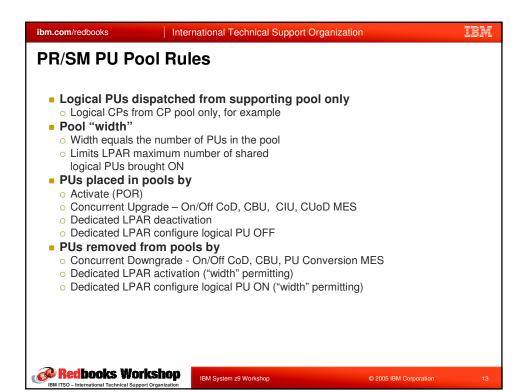
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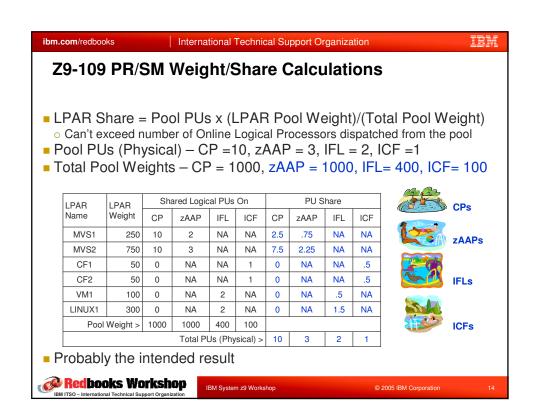
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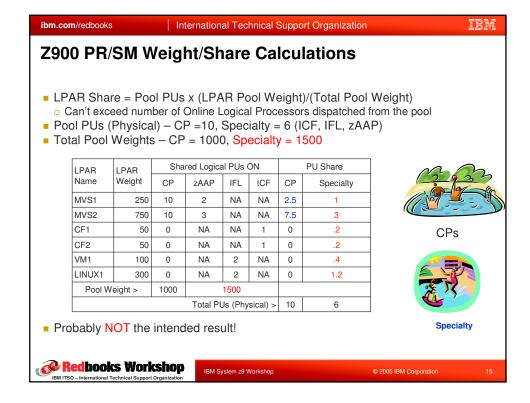
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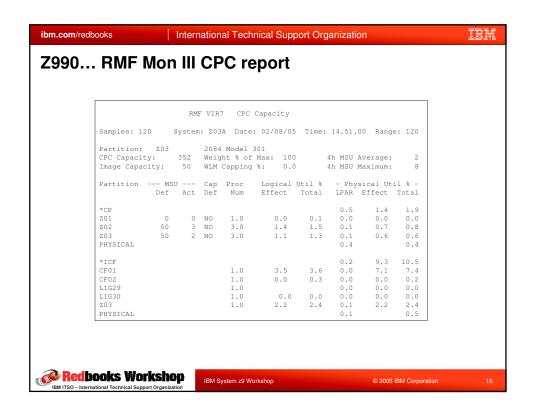












109 F	RMF	Мо	n I	II CF	C rep	ort				
		RMF V	71 D 7	CPC Ca	nacity					
									400	
Samples: 1	120	System	1: ZU3	A Date	: 02/08/05	Time	: 14.51.	00 Rang	e: 120	
Partition:				Model '						
CPC Capaci		500		ht % of				Average:		
Image Capa	acity:	50	WLM	Capping	%: 0.0		4h MSU	Maximum:	8	
Partition	MS	U	Cap	Proc	Logical	Util %	- Phy	sical Ut	il % -	
	Def	Act	Def	Num	Effect	Total	LPAR	Effect	Total	
+ 000								F 1	4 1 0	
*CP Z01	0	0	NO	1.0	0.0	0.1		.5 1	.4 1.9	
702	50	3	NO	3.0	1.4	1.5		0.7	0.8	
Z03	50	2	NO	3.0	1.1	1.3		0.6	0.6	
PHYSICAL							0.4		0.4	
*TFA							0.4	2.2	2.6	
Z03				1.0	2.2	2.4	0.2	2.2	2.4	
PHYSICAL							0.2		0.2	
*ICF							0.9	7.2	8.1	
CF01				1.0	3.5	3.6	0.3	7.1	7.4	
CF02				1.0	0.0	0.3		0.1	0.2	
PHYSICAL							0.5		0.5	
*IFL										
LIG29				1.0			0.0	0.0	0.0	
LIG30				1.0	0.0	0.0	0.0	0.0	0.0	
PHYSICAL							0.0		0.0	

