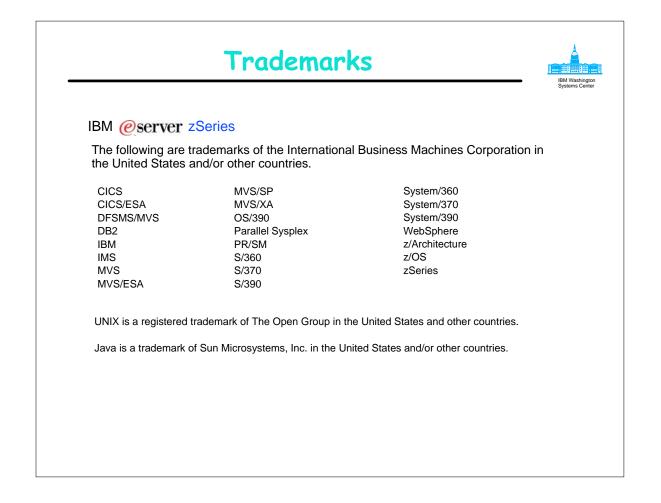
Is It Virtual, Real or Auxiliary?

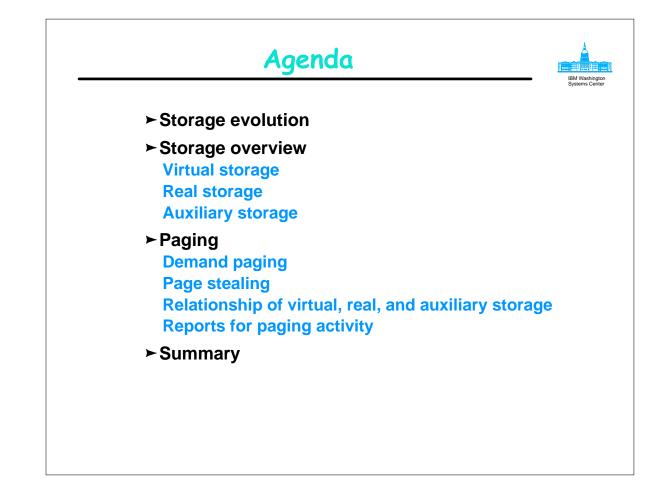
zSTSU 2004

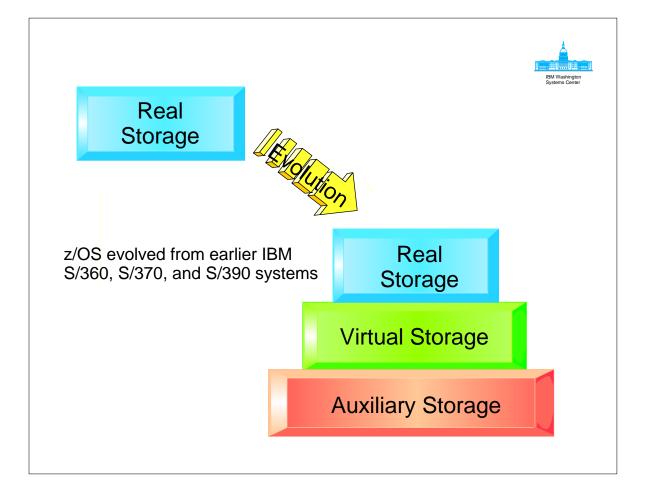
Mary Astley

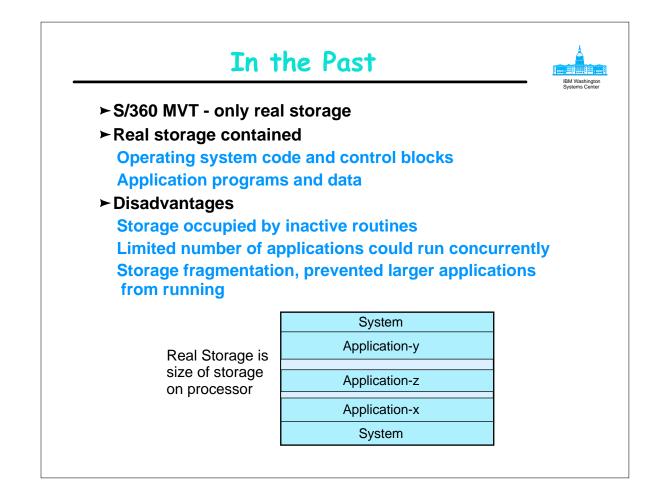


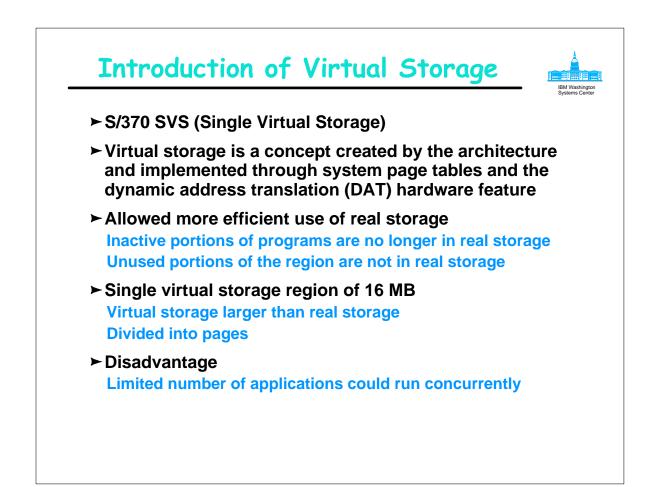
IBM Washington Systems Center Advanced Technical Support

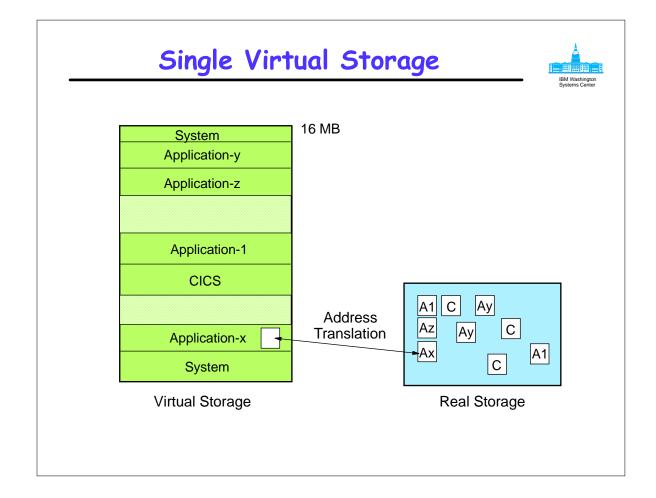


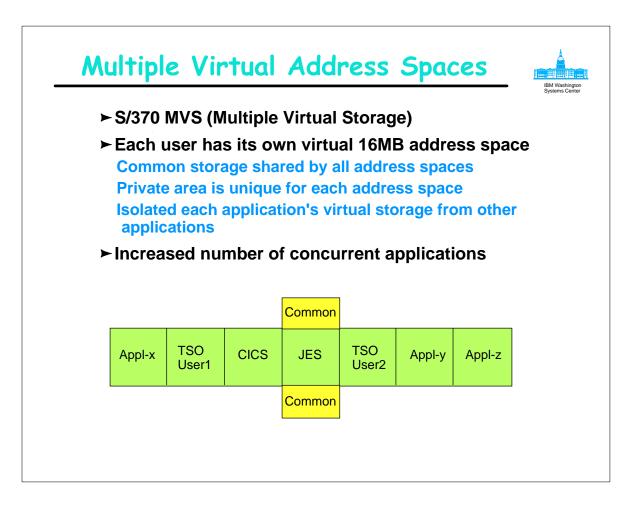


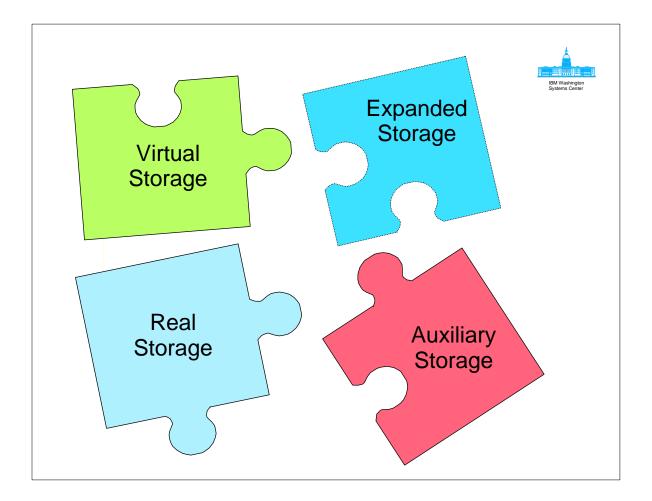


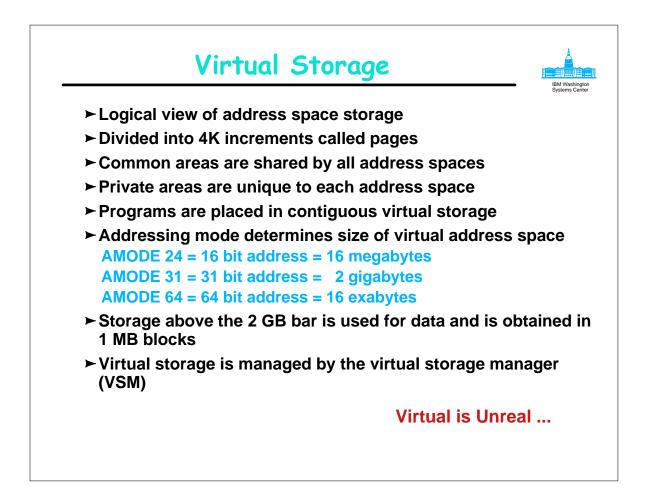


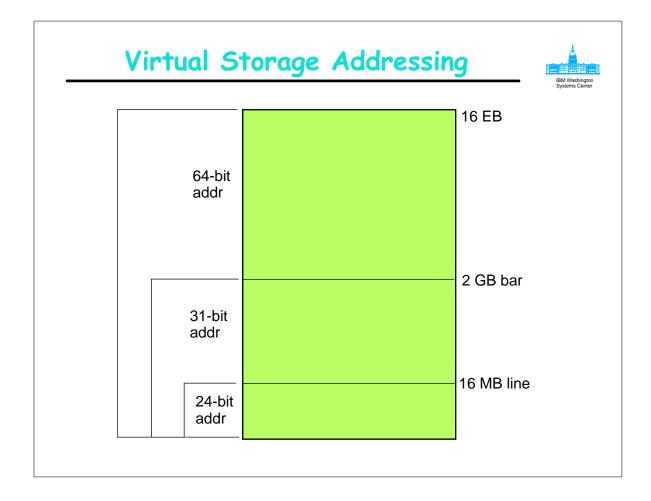


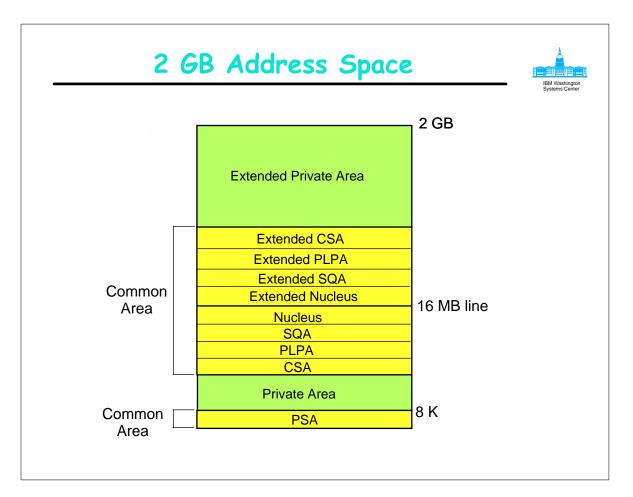


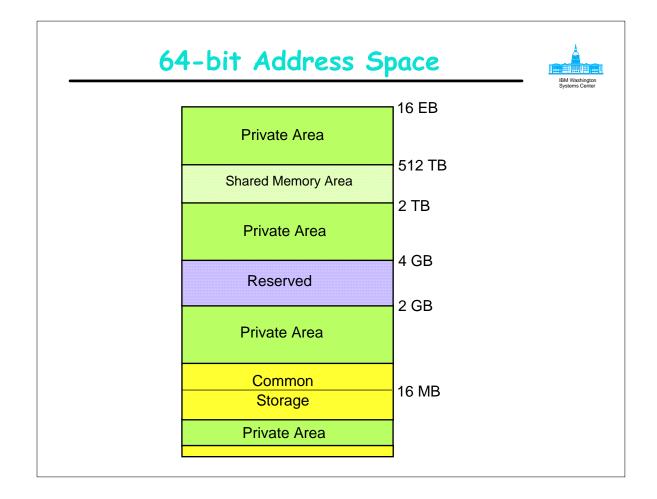


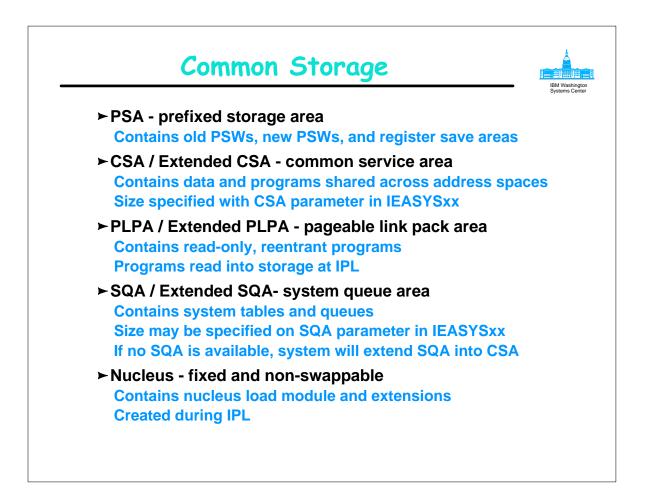


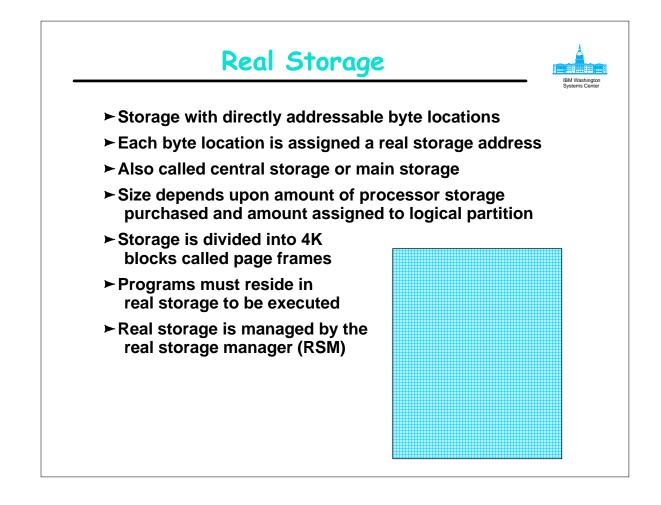


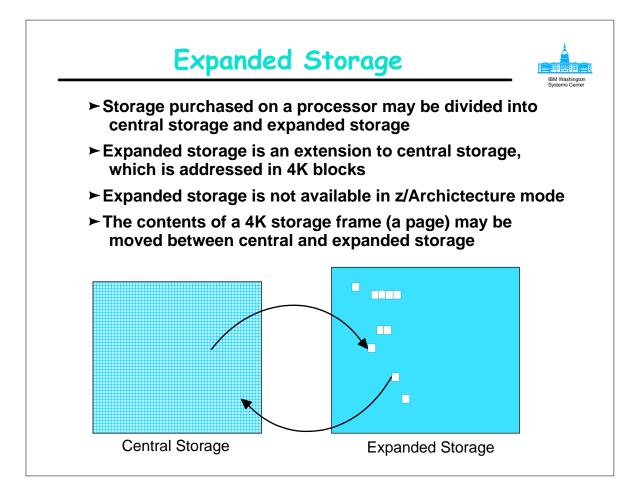


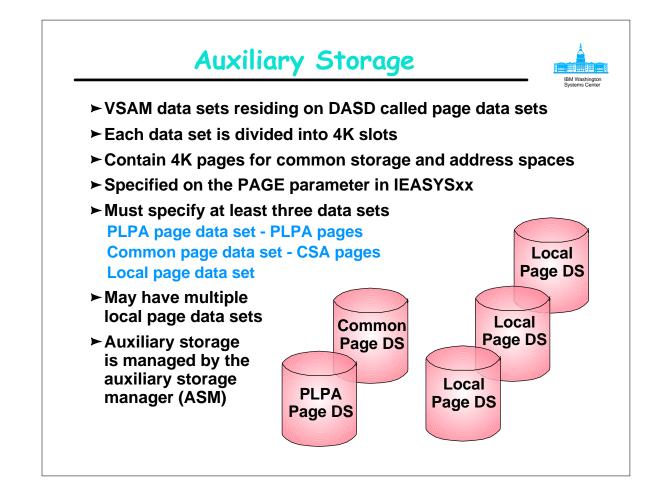


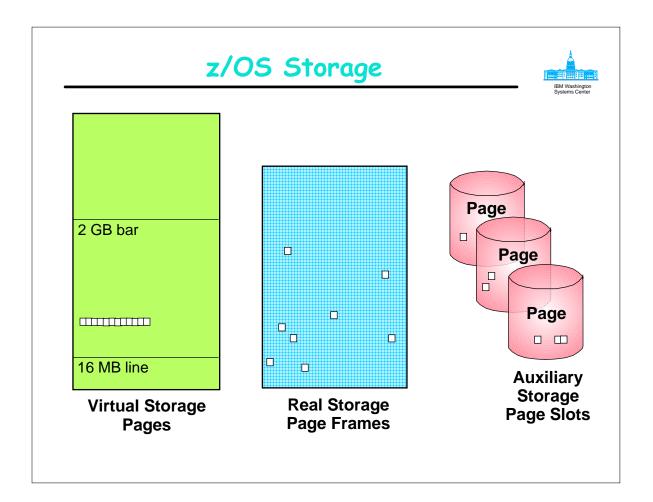


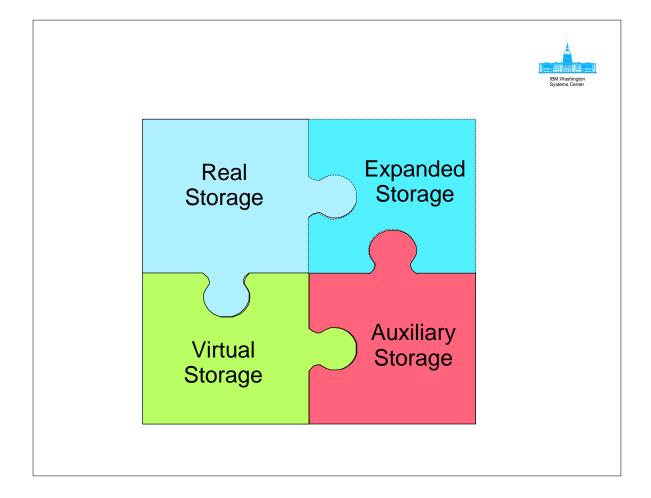


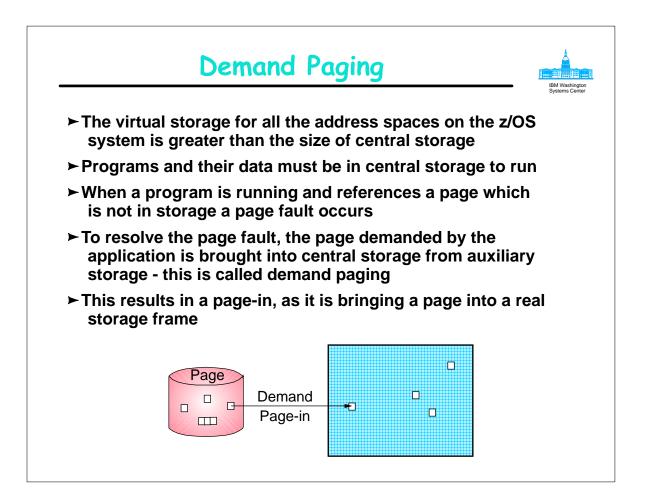


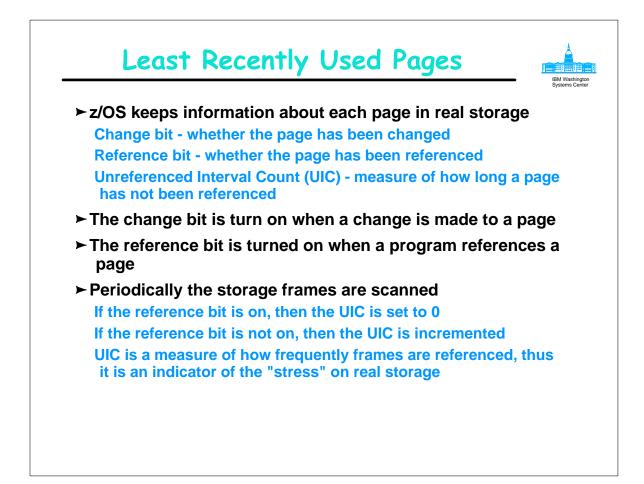


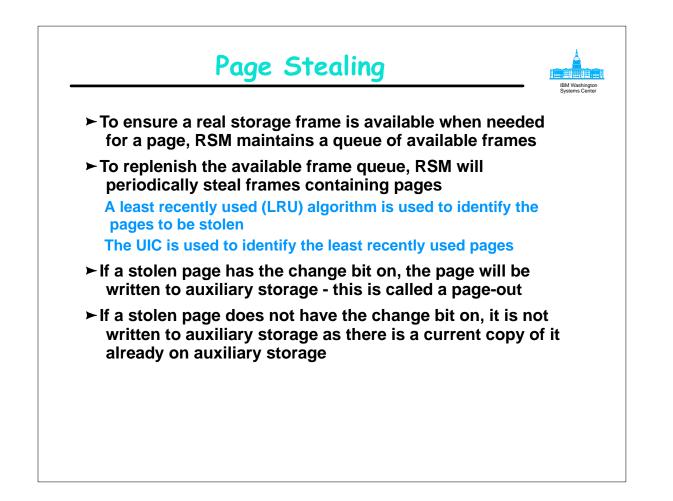


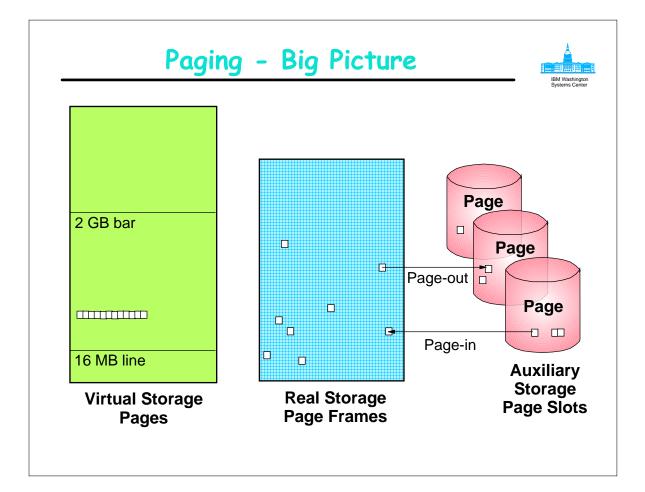


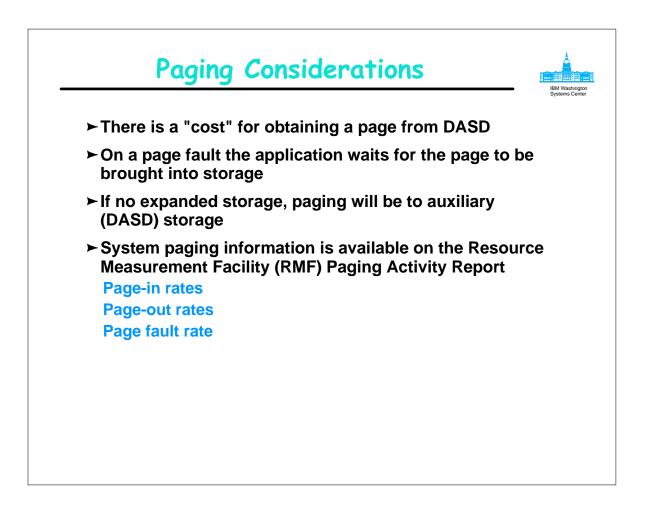










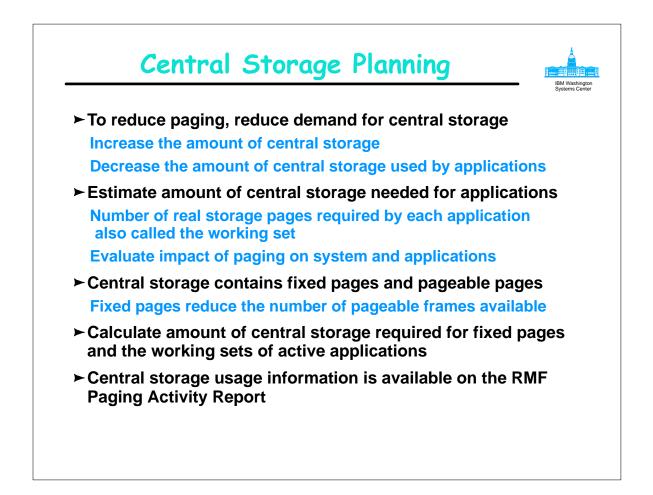


Paging Activity - Page Rates

PAGING ACTIVITY



	PAGE IN					PAGE OUT						
			NON SWAP,	TOTAL	% OF		NON	TOTAL	% OF TOTL			
CATEGORY PAGEABLE SYSTEM						SWAP						
AREAS (NON VIO) LPA CSA		0.00		0.00			0.00	0.00	0			
SUM ADDRESS SPACES		0.00		0.00	0			0.00	0			
HIPERSPACE		0.00		0.00	0		0.00	0.00	0			
VIO		0.00		0.00	0		0.00	0.00	0			
NON VIO				0.99		0.00		0.80				
SUM TOTAL SYSTEM	0.00	0.97		0.99								
HIPERSPACE		0.00		0.00	0		0.00	0.00	0			
VIO		0.00		0.00				0.00				
NON VIO	0.00	0.97		0.99		0.00						
SUM SHARED			0.02		100	0.00	0.80					
PAGE MOVEMENT WITHIN CENTRAL STORAGE				6.64		PAGE MC	VEMENT 1	IME %	0.0			
AVERAGE NUMBER OF PAGES PER BLOCK BLOCKS PER SECOND												
PAGE-IN EVENTS (PAGE FAU	LT RATE)		0.12								

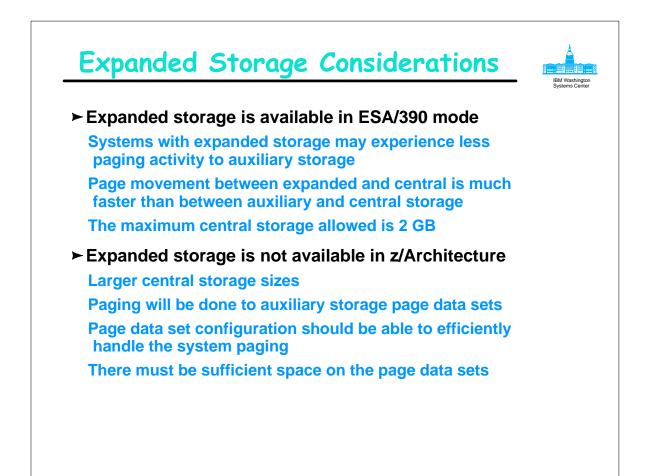




Paging Activity - Storage Usage

PAGING ACTIVITY

				AND SLOT COUNTS	
		TRAL STORA			
(585 SAMPLES)					
AVAILABLE					
SQA					
	4,489				
	12,106				
	15,411				
REGIONS+SWA					
TOTAL FRAMES	3145728	3145728	3145/16		
		IXED FRAME			
NUCLEUS	2,227 7,172 78 619	2,227			
SQA	7,172	7,418	7,293		
LPA	78	78	78		
CSA	619	806	622		
LSQA					
REGIONS+SWA		7,700	4,370		
BELOW 16 MEG					
BETWEEN 16M-2G					
TOTAL FRAMES	25,257	36,399	32,861		



Auxiliary Storage Considerations



- ► Suggest multiple local page data sets
- Verify page data sets have sufficient space Common area pages + private area pages of address spaces Prevent auxiliary storage shortage May wish to define and format an "extra" page data set
- If auxiliary storage shortage is detected LOGON, MOUNT and START commands are rejected Initiators are prevented from executing new jobs Cannot run a job to create a new page data set Can use PAGEADD command to add "extra" page data set
- Information on page data set slot usage is available on the RMF Page Dataset Activity Report

			PAG	E/SW	AP D	атаз	ET A	стіч	ІТҮ	PAGE 1	
- /05.1	1.54		C.V.	STEM ID S			0.000	10/10/0	003 10 E	4.00 INTERVAL 001.25.59	
z/OS V1R4			T VERSION		MF	END		0.00 CYCLE 1.000 SECONDS			
NUMBER	OF SAMPL	ES =	5,160			P	AGE DAI	A SET US	AGE		
PAGE											
SPACE	VOLUME		DEVICE		s						
TYPE	SERIAL	NUM		ALLOC	MIN	MAX	AVG	SLOTS	•••	DATA SET NAME	
PLPA		DD11		179	179	179	179	0	•••	SYSA.PLPA	
COMMON	WPAGE1				15549			0	•••	SYSA.CSA	
LOCAL	WPAGE3		33903 33903	539999 539999				0	•••	SYSA.LOCAL1	
LOCAL			33903	5039999		25942		0	•••	SYSA.LOCAL2 SYSA.LOCAL3	
LOCAL	WPAGE1		33903	575999		47103		0	•••	SYSA.LOCALS	
LOCAL			33903	575999		47566		0		SYSA.LOCAL5	
					10000	1,000	1/10/	Ū			

