



First Line Managers – who does the real work



- To provide the qualities of service that are the basis for WMQ, the real work within the queue manager is divided into logical 'workers' or manager that interact with the underlying z/OS resource managers.
- They are:
 - Connection Manager
 - Recovery Manager
 - Log Manager
 - Message Manager
 - Topic manager
 - Data Manager
 - Buffer Manager
 - Lock Manager
 - Storage Manager
 - CF Manager
 - Security Manager.....

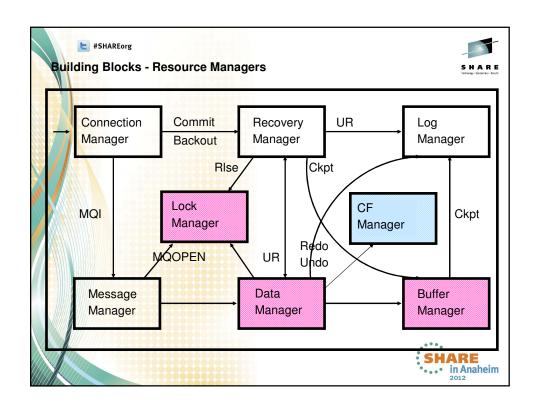


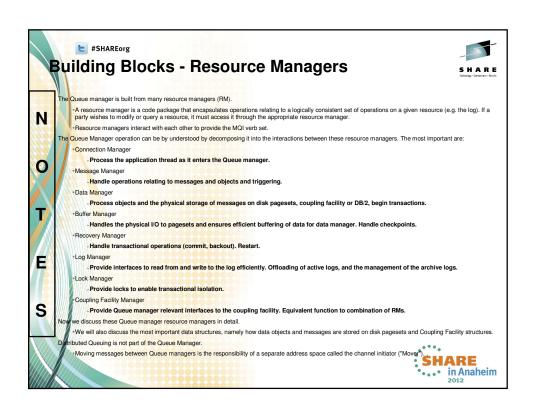
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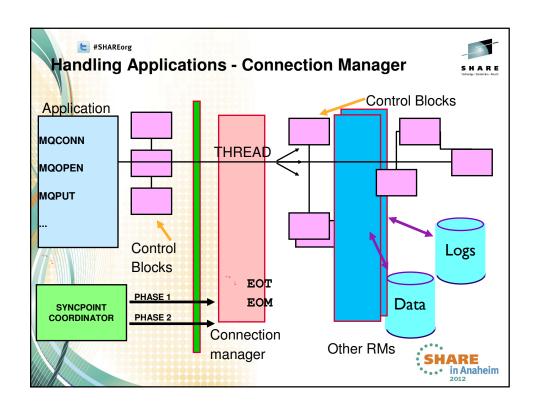


Most of the internal resource managers report activity in the SMF115 records. For additional information please attend session 11383- The Dark side of monitoring

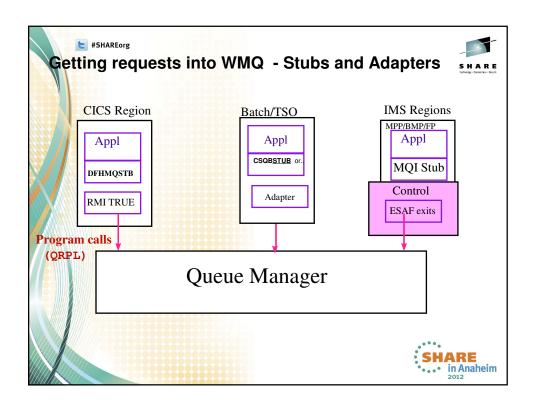


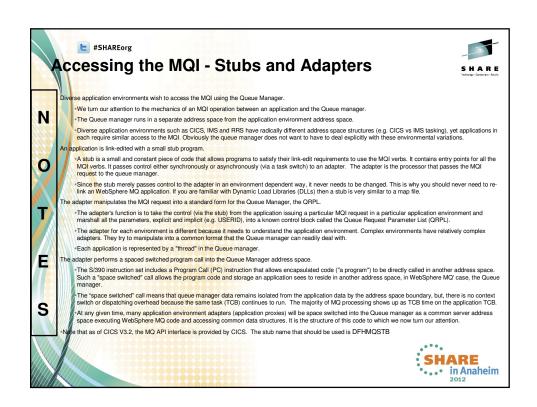


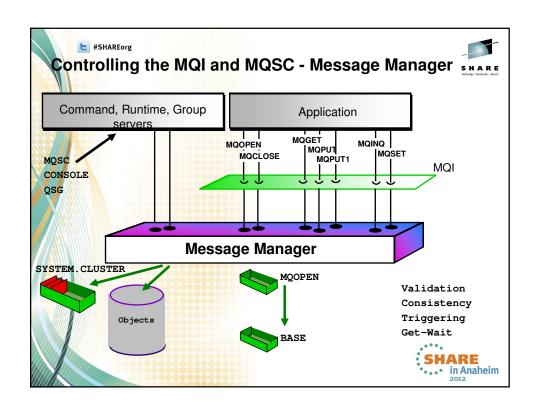


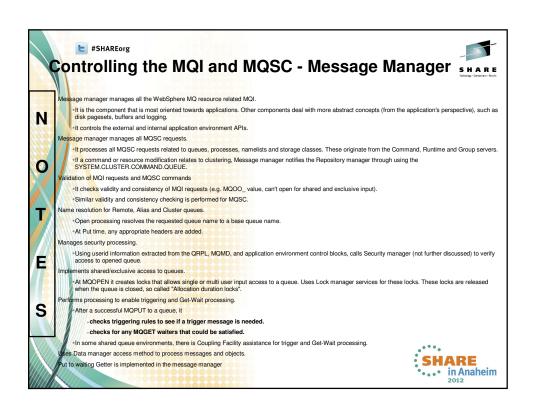


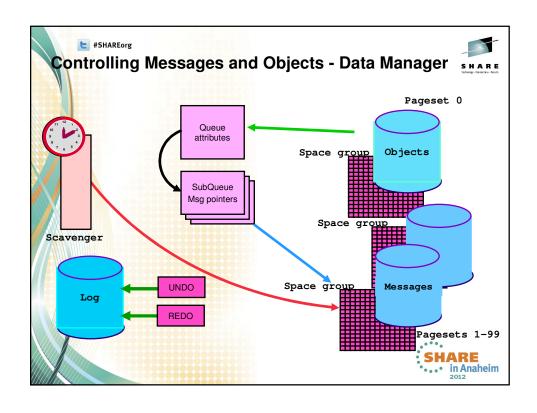


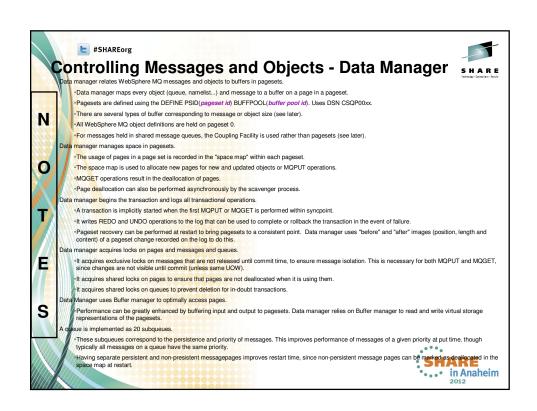


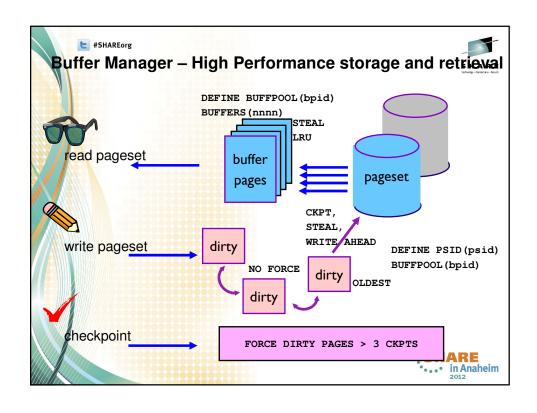


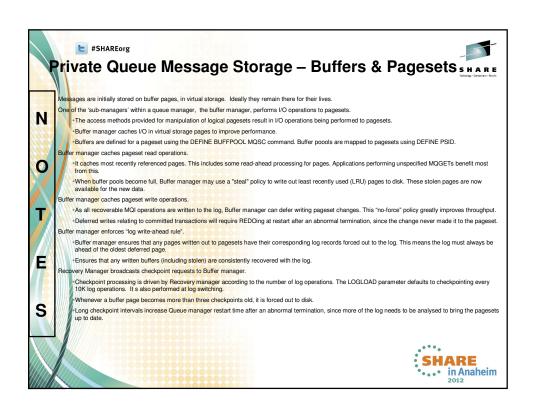


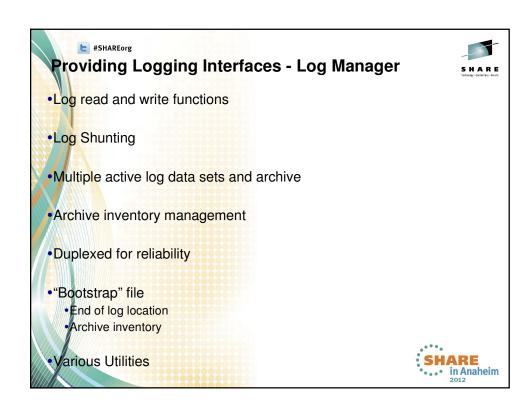


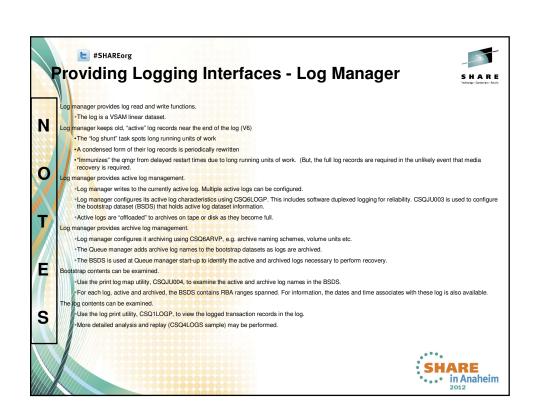


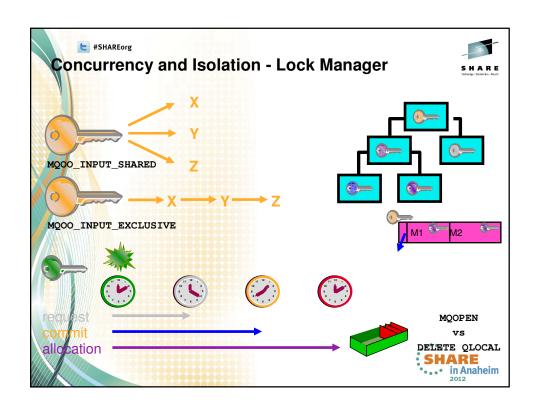


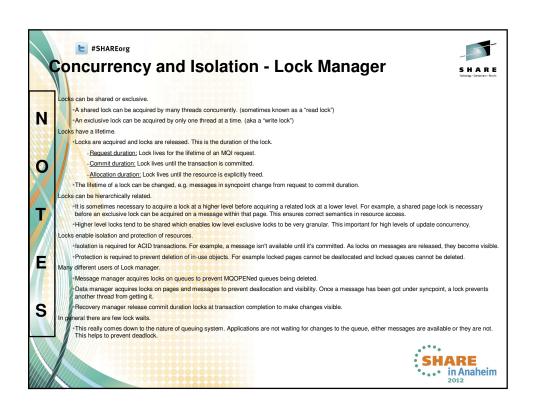


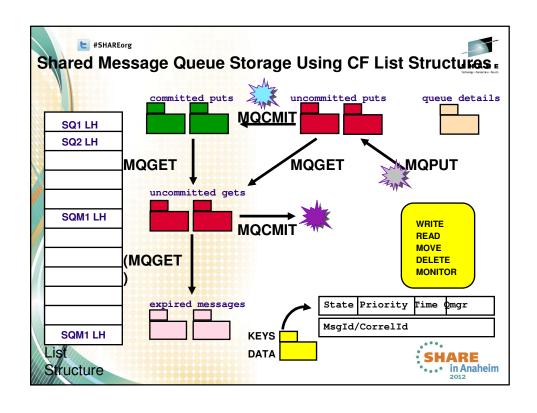


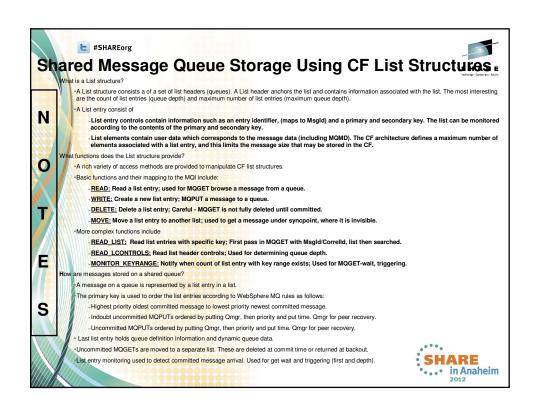




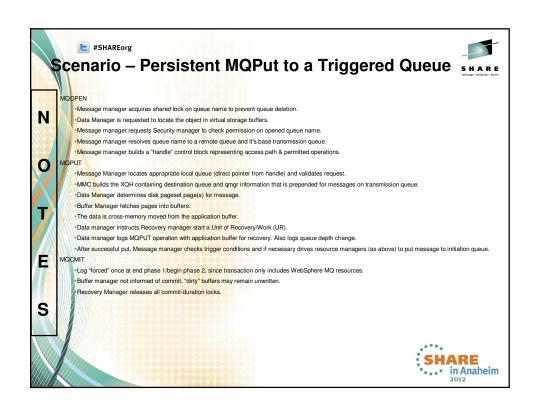




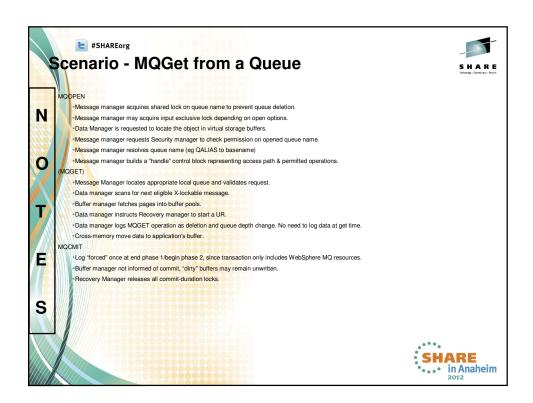


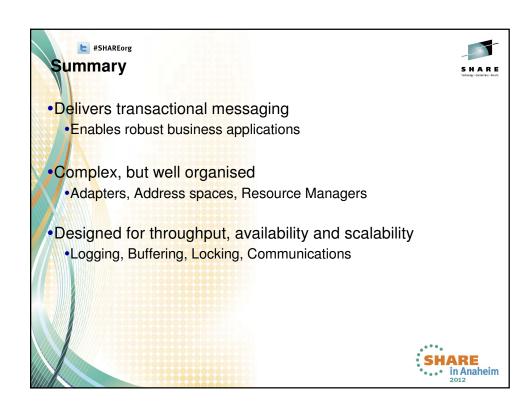


<u>Application</u>	Message	Data Manager	Buffer	Recovery	Log Manager	Lock Mana
MQOPEN	Manager		Manager	Manager		
MIGOFEN						ACQUIRE
						LOCK
		LOCATE QUEUE				
		IN HASH TABLE				
	SECURITY					
	BASE NAME					
	ACQUIRE HANDLE					
MOPUT	HANDLE			 		
WIGPUT	USE HANDLE			1		
	OSE HANDLE	LOCATE PAGE				
		TO HOLD MSG				
			BUFFER			
			PAGE			
			Î	START UR	LOG RECORDS	
				\longrightarrow	LOG RECORDS	
	CHECK					
	TRIGGER RULES					
MOCMIT	HULES					
MACINITI					FORCE LOG	
					TORICE LOG	RELEASE
						LOCKS



Application	Message Manager	Data Manager	Buffer Manager	Recovery Manager	Log Manager	Lock Manage
MQOPEN	Wallagel		wanayer	iviariagei		
						ACQUIRE
						LOCK
		LOCATE QUEUE				
	SECURITY					
	BASE NAME					
	ACQUIRE HANDLE					
MQGET						
	USE HANDLE	FIND MSG				
		(INDEX / NEXT)				
			BUFFER PAGE			
			PAGE	START UR	LOG RECORDS	
				OTAILT OIL	LOG RECORDS	
MQCMIT						
		1			FORCE LOG	
					FURCE LUG	





	Monday	Tuesday	Wednesday	Thursday	Friday	SHA
08:00					Free MQ! - MQ Clients and what you can do with them	Technology - Connectie
09:30	Clustering – the easier way to connect Managers	MQ on z/OS vivisection	The Dark Side of Monitoring MQ - SMF 115 and 116 record reading and interpretation			
11:00		Diagnosing problems for Message Broker	Lock it down - WebSphere MQ Security	Using IBM WebSphere Application Server and IBM WebSphere MQ Together	Spreading the message – MQ pubsub	
12:15	Highly Available Messaging - Rock solid MQ	Putting the web into WebSphere MQ: A look at Web 2.0 technologies	The Doctor is In and Lots of Help with the MQ family - Hands-on Lab			
01:30	WebSphere MQ 101: Introduction to the world's leading messaging provider	What's new in the WebSphere MQ Product Family	Extending IBM WebSphere MQ and WebSphere Message Broker to the Cloud	MQ Performance and Tuning on distributed including internals		
03:00	First steps with WebSphere Message Broker: Application integration for the messy	What's new in Message Broker V8.0	Under the hood of Message Broker on z/OS - WLM, SMF and more	The Do's and Don'ts of z/OS Queue Manager Performance		
04:30	The MQ API for Dummies - the Basics	What the **** is going on in my Queue Manager!?	Diagnosing problems for MQ	Shared Q using Shared Message Data Sets		
06:00			For your eyes only - WebSphere MQ Advanced Message Security	MQ Q-Box - Open Microphone to ask the experts questions		

