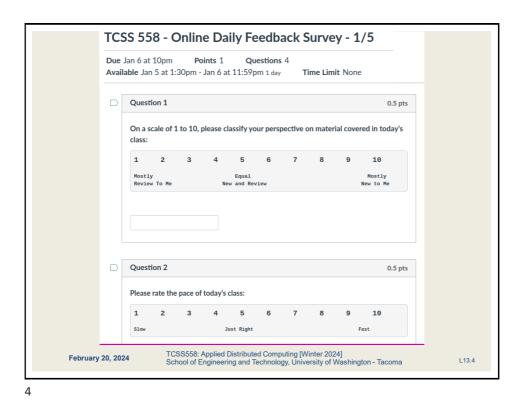
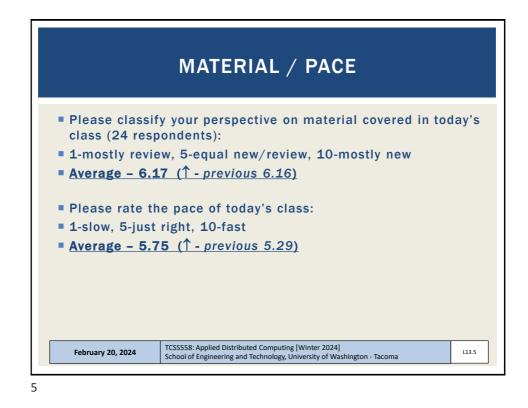
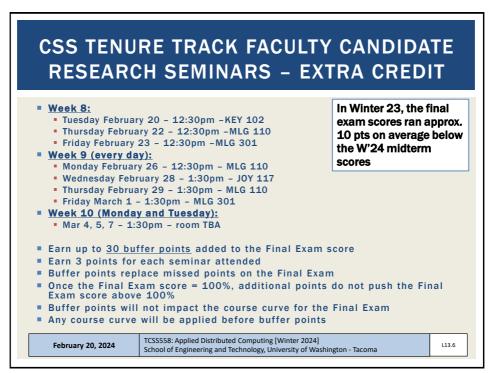


Slides by Wes J. Lloyd

ONLINE DAILY FEEDBACK SURVEY				
 Daily Feedback Quiz in Canvas - Available After Each Class Extra credit available for completing surveys <u>ON TIME</u> Tuesday surveys: due by ~ Wed @ 10p Thursday surveys: due ~ Mon @ 10p 				
	≡ TCSS 558 A >	Assignments		
	Winter 2021 Home	Search for Assignment		
	Announcements Assignments	 Upcoming Assignments 		
	Zoom Chat	TCSS 558 - Online Daily Feedback Survey - 1/5 Not available until Jan 5 at 1:30pm Due Jan 6 at 10pm		
February 20, 2024	TCSS558: Applied Distributed (School of Engineering and Tec	Computing [Winter 2024] hnology, University of Washington - Tacoma		

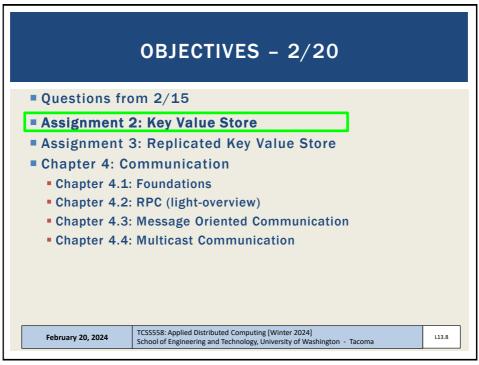


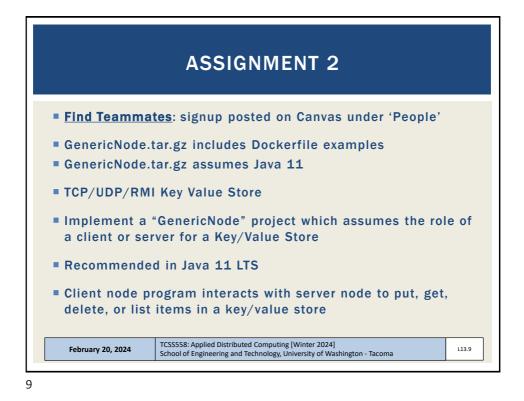


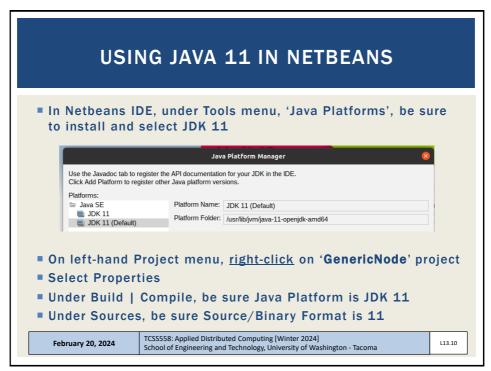




FEEDBACK FROM 2/15

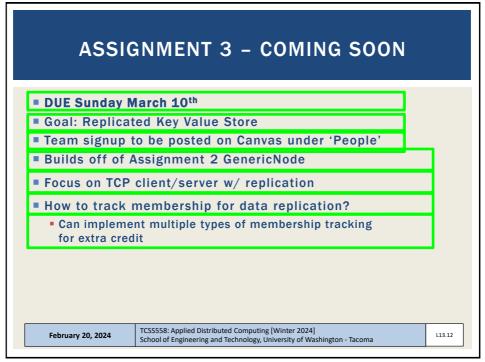


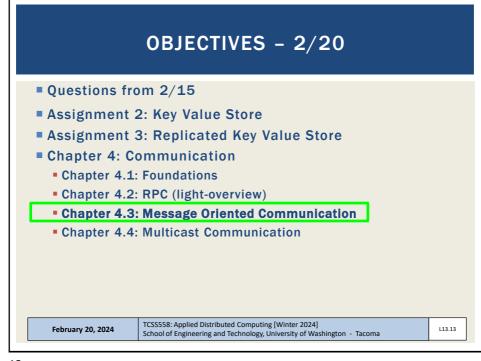


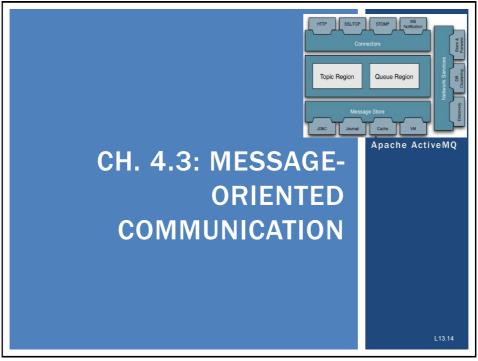


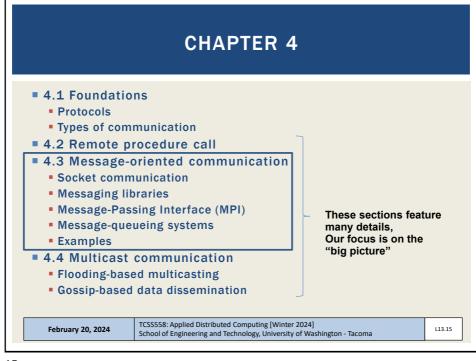


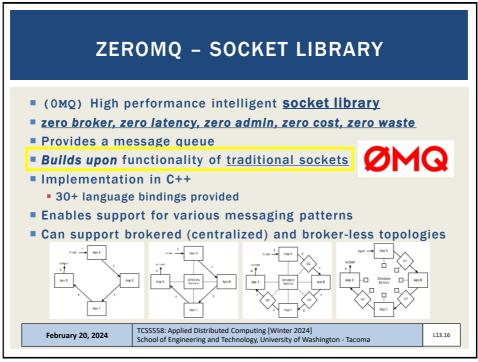
Questions from	om 2/15		
-			
	2: Key Value Store		
	3: Replicated Key Value Store		
Chapter 4: Communication			
Chapter 4.1: Foundations			
Chapter 4.2: RPC (light-overview)			
Chapter 4.3:	 Chapter 4.3: Message Oriented Communication 		
Chapter 4.4:	Multicast Communication		

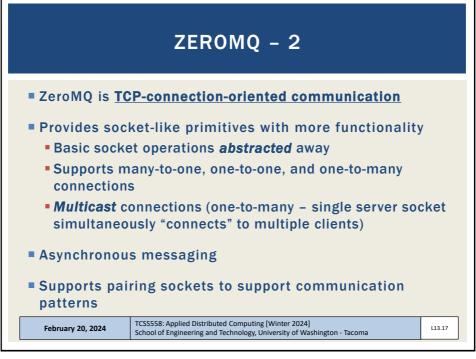


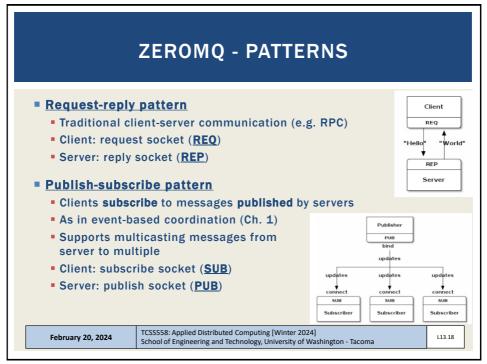


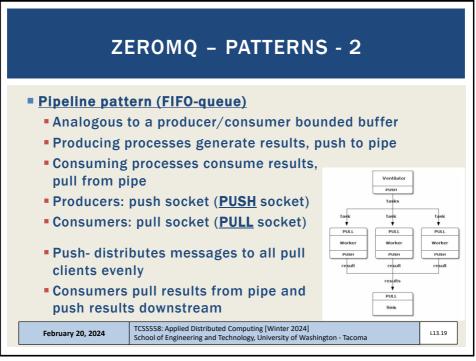


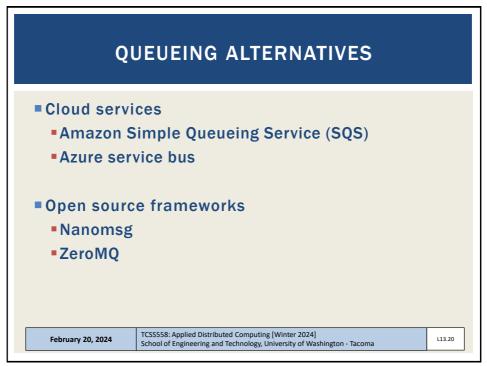


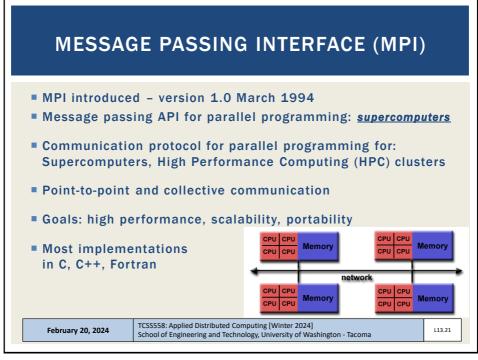


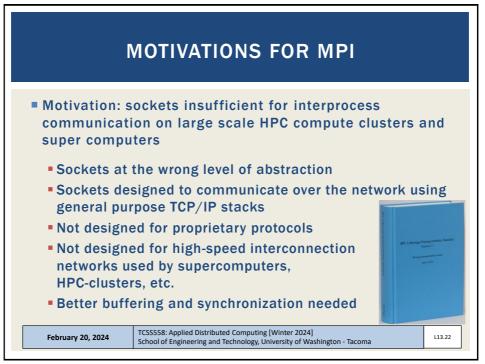


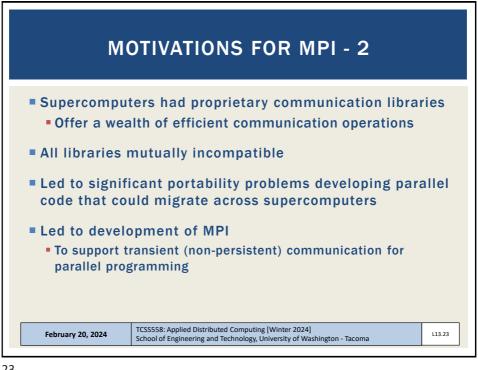


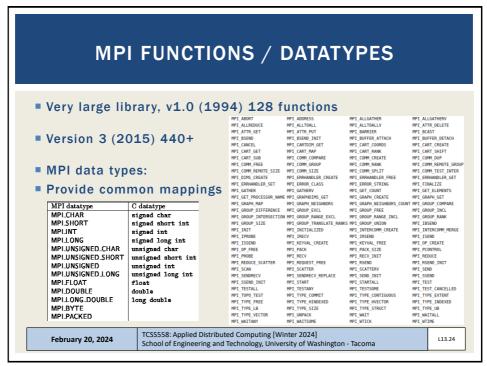




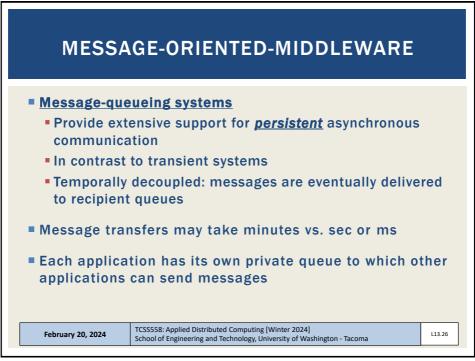


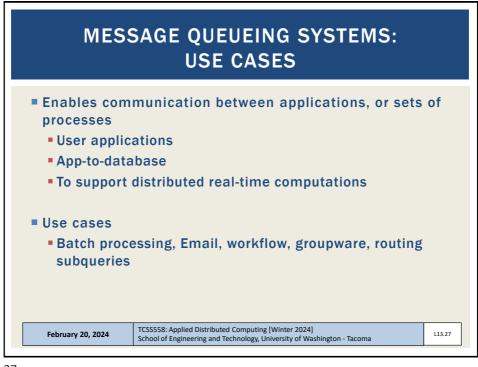


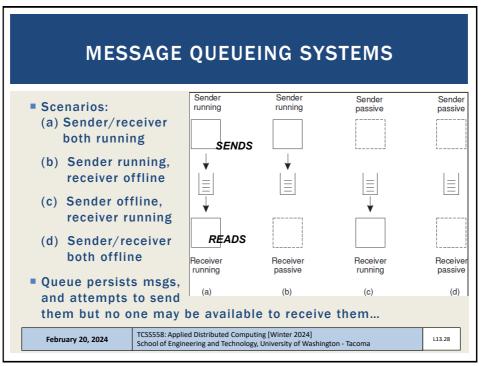


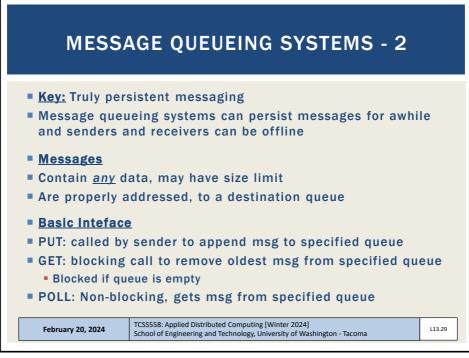


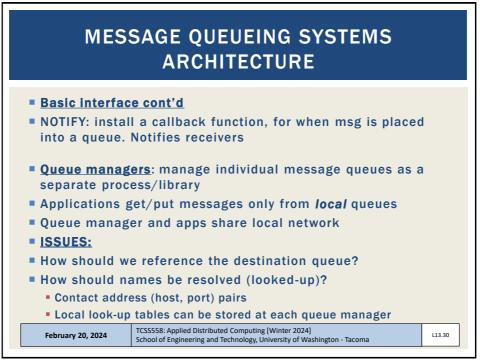
COMMON MPI FUNCTIONS				
MPI - no recovery for process crashes, network partitions				
Communication among grouped processes: (groupID, processID)				
IDs used to route messages in place of IP addresses				
Operation	Description			
MPI_bsend	Append outgoing message to a local send buffer			
MPI_send	Send message, wait until copied to local/remote buffer			
MPI_ssend	Send message, wat until transmission starts			
MPI_sendrecv	Send message, wait for reply			
MPI_isend	Pass reference to outgoing message and continue			
MPI_issend	Pass reference to outgoing messages, wait until receipt start			
MPI_recv	Receive a message, block if there is none			
MPI_irecv Check for incoming message, <u>do not block!</u>				
February 20, 2024	TCSS558: Applied Distributed Computing [Winter 2024] L13.25 School of Engineering and Technology, University of Washington - Tacoma L13.25			



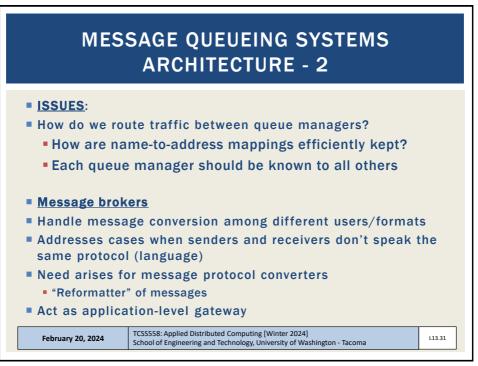


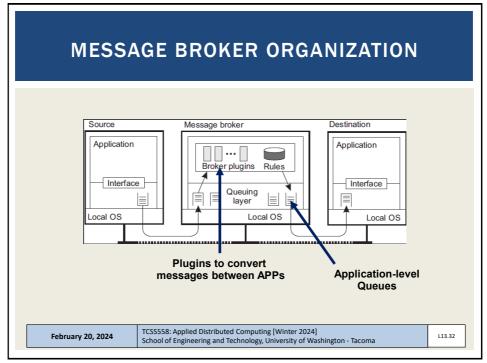


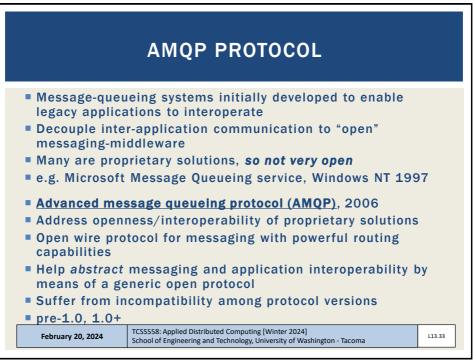


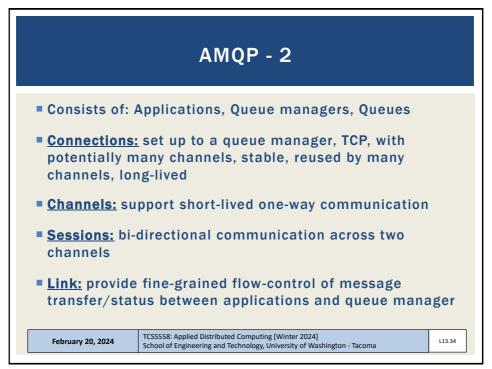


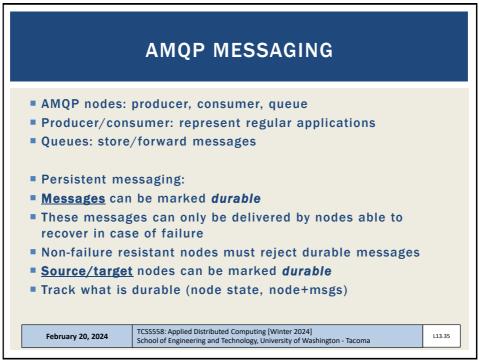


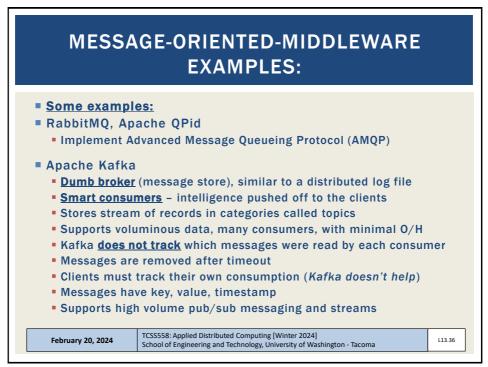


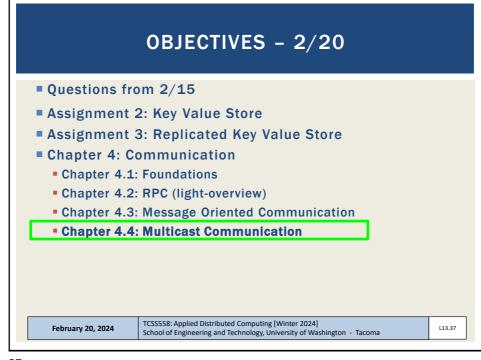






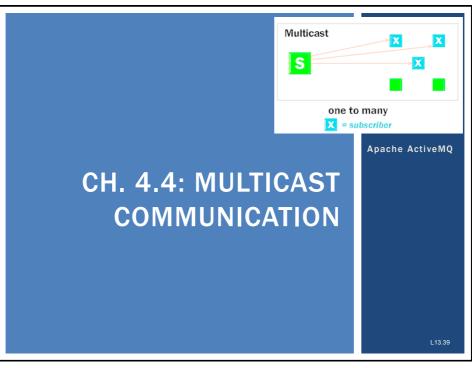


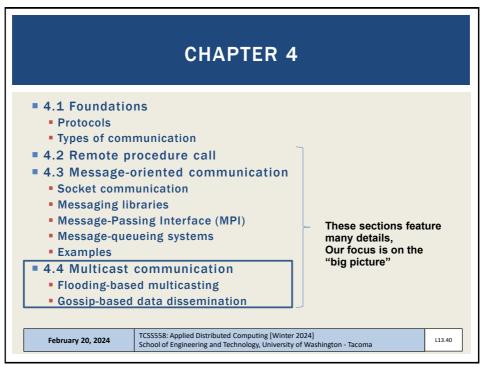


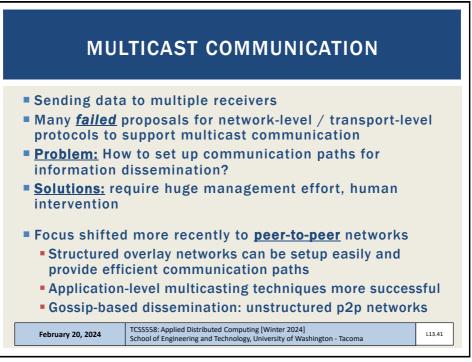


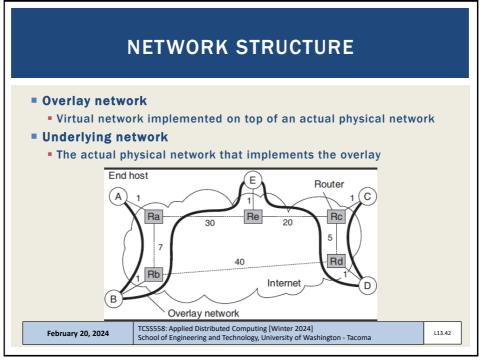


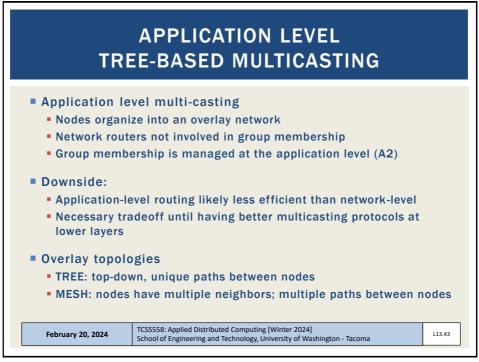
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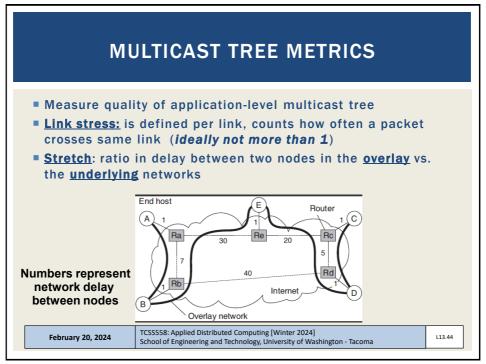


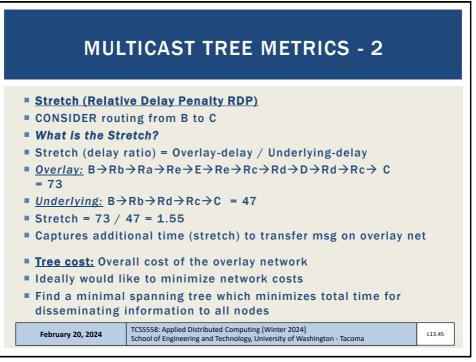


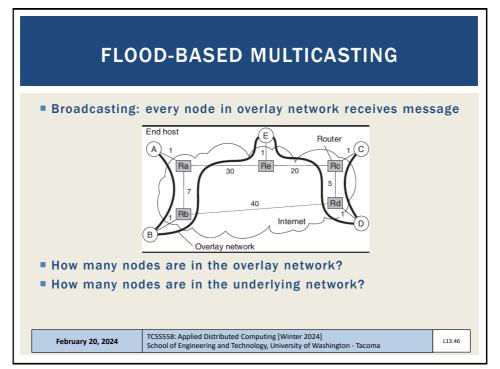


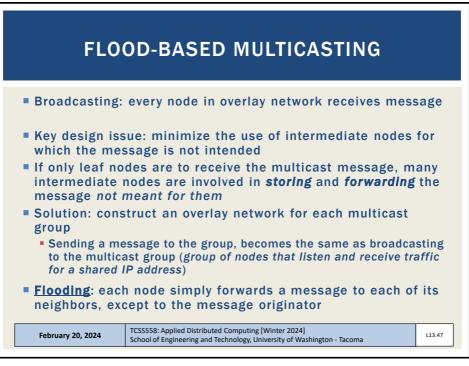


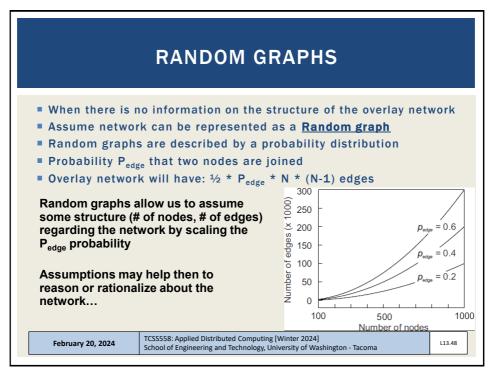


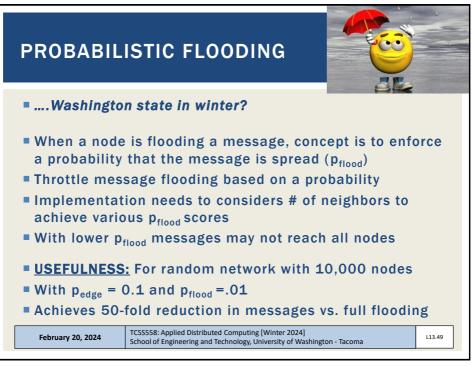


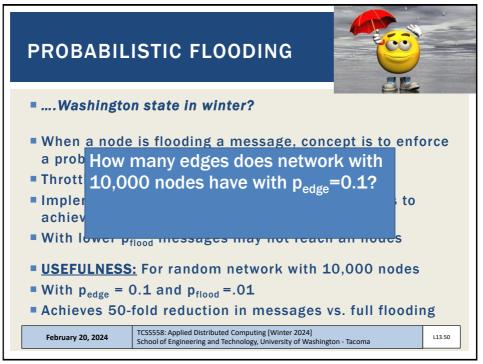




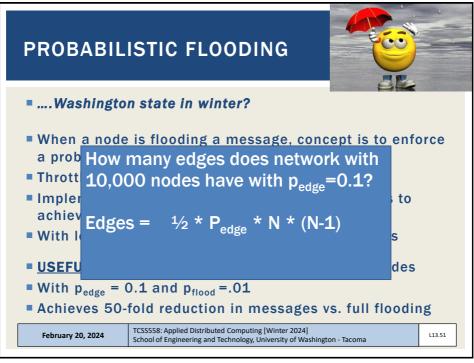


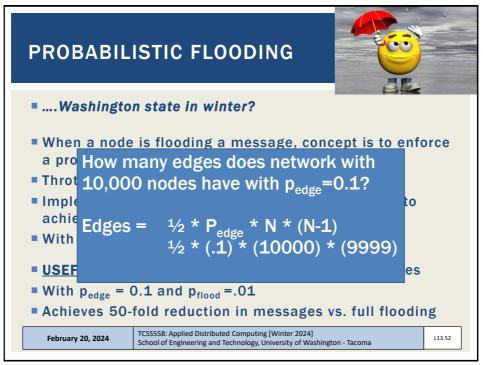


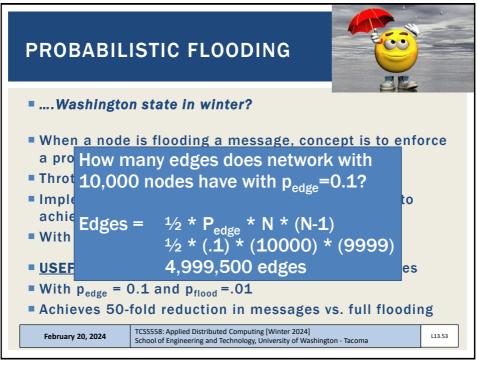


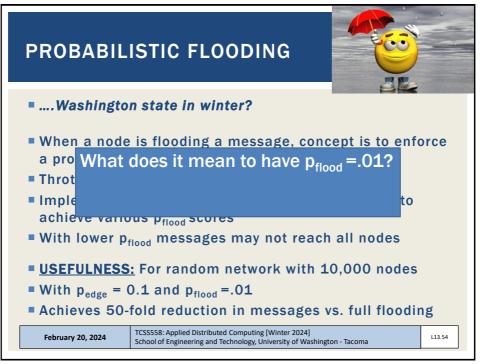


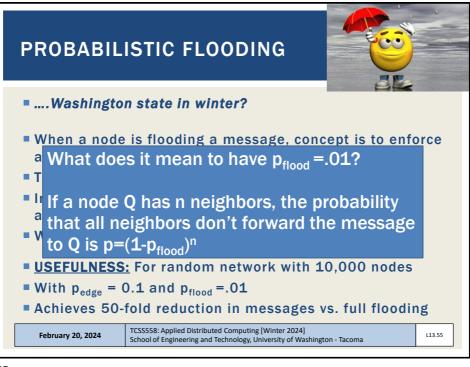


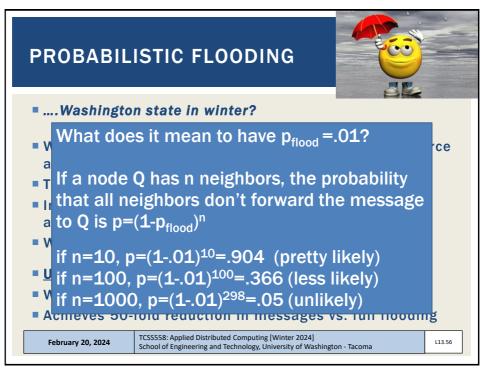




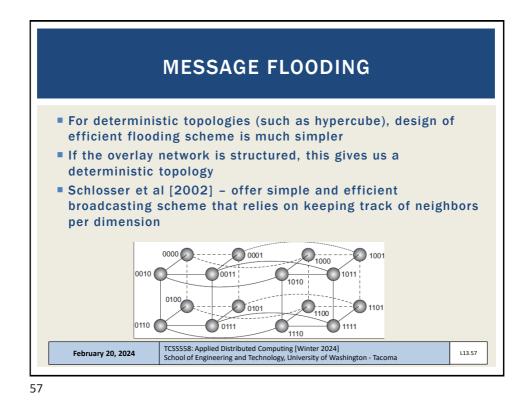


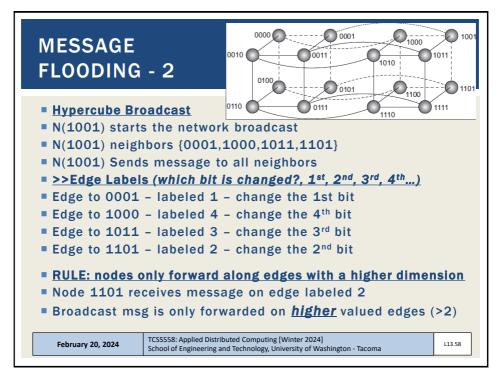


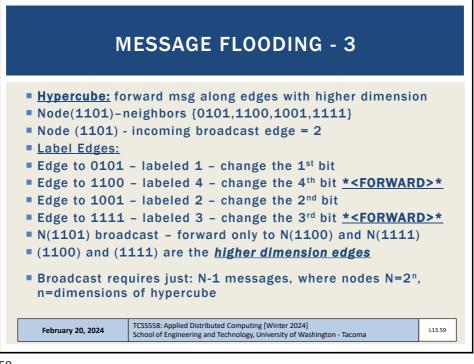


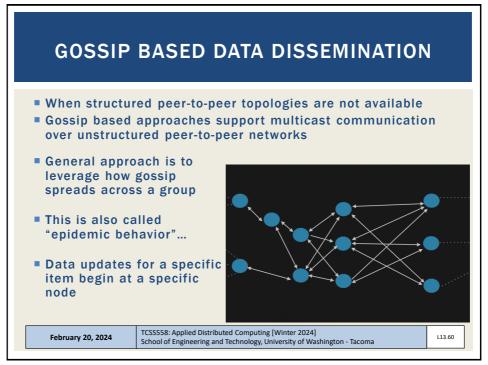


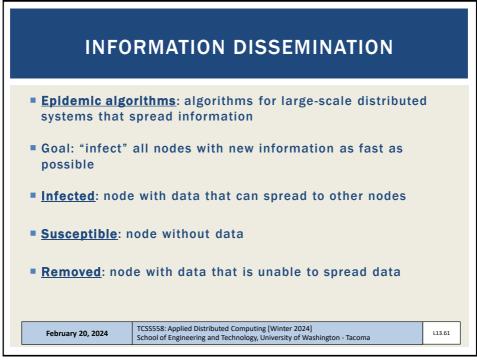


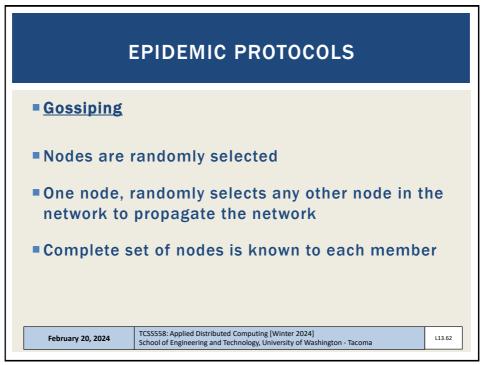


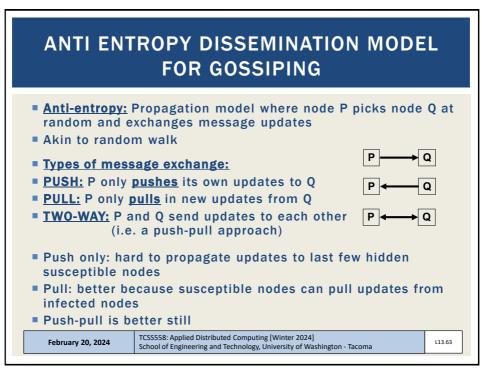


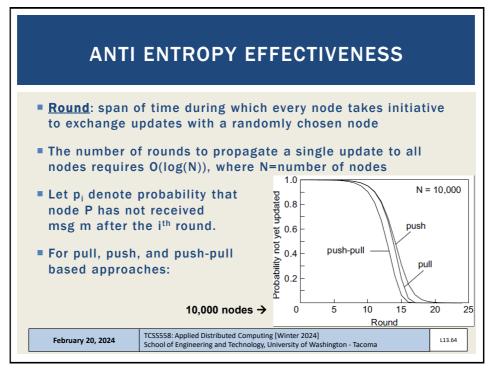


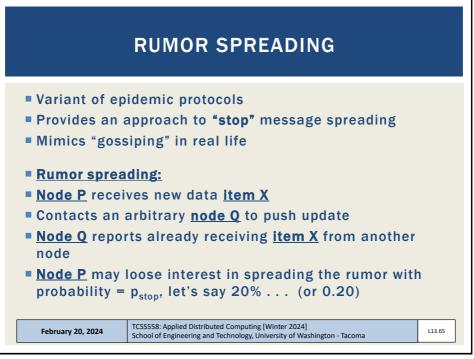


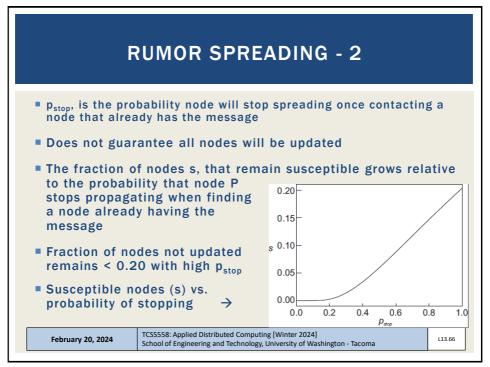




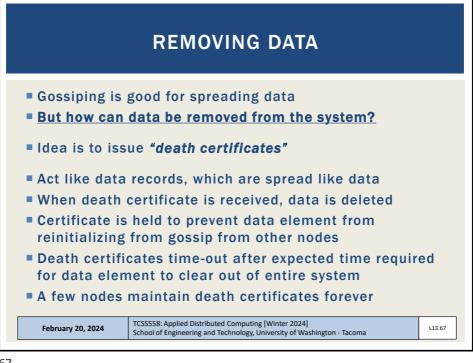




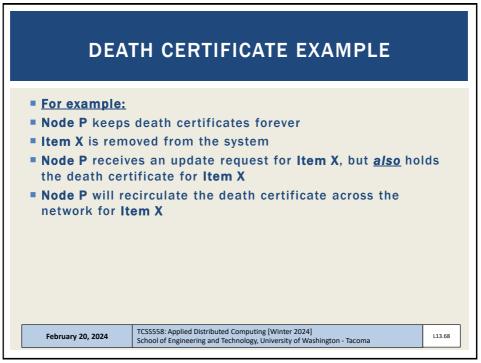














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