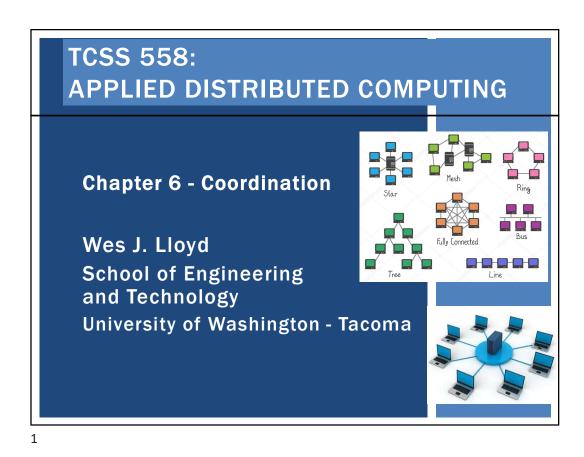
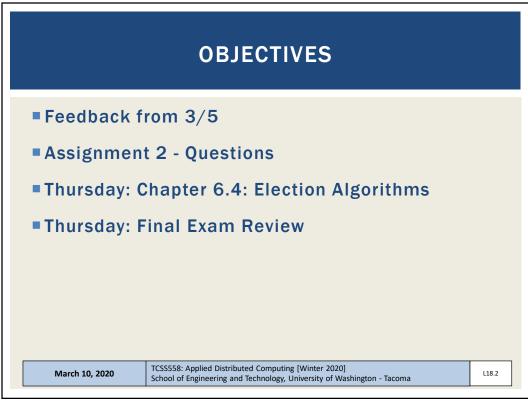
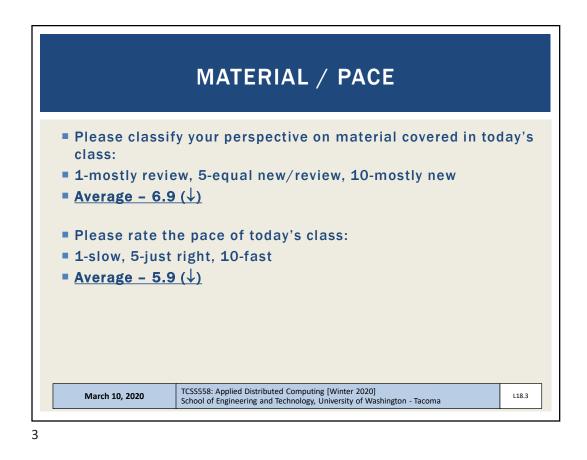
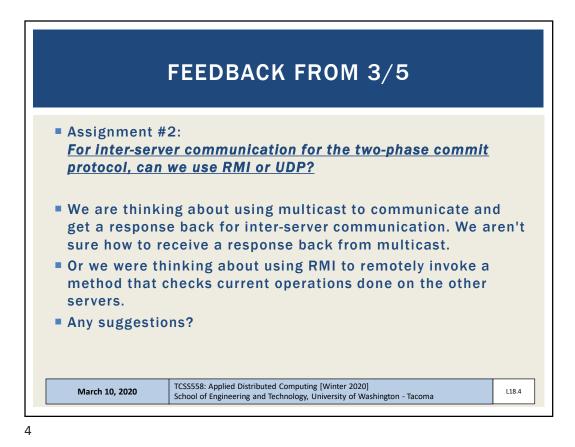
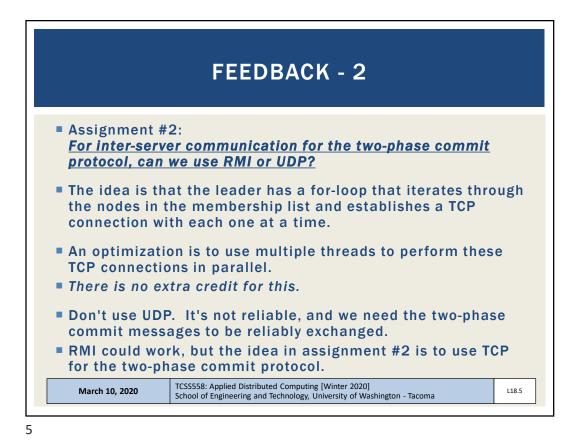
TCSS 558: Applied Distributed Computing [Winter 2020] School of Engineering and Technology, UW-Tacoma

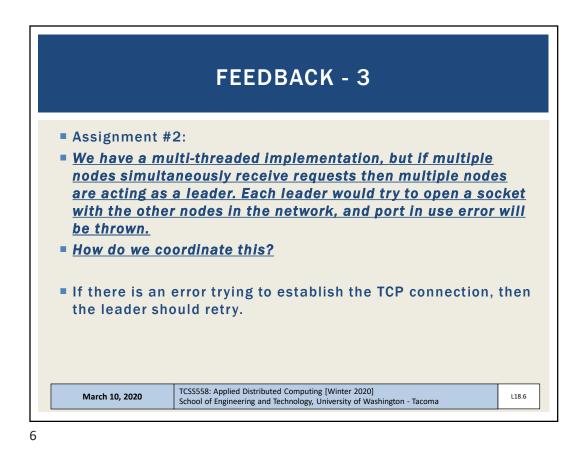


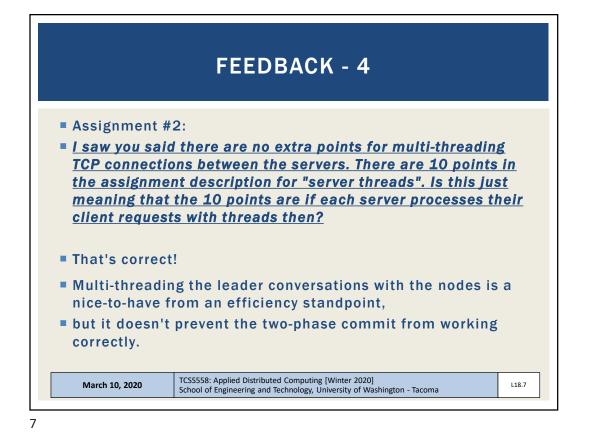


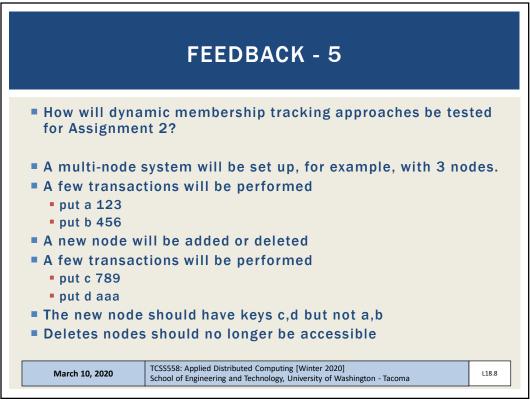


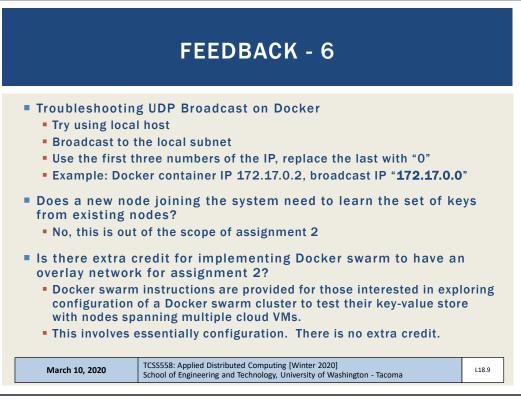




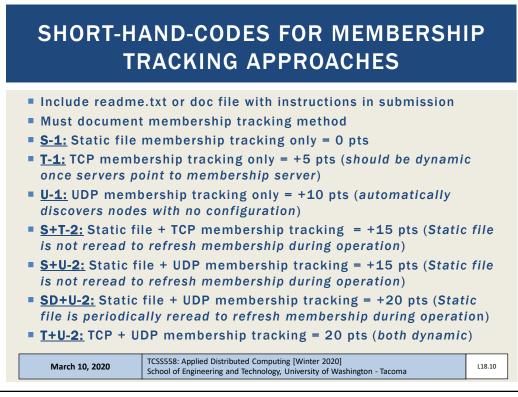


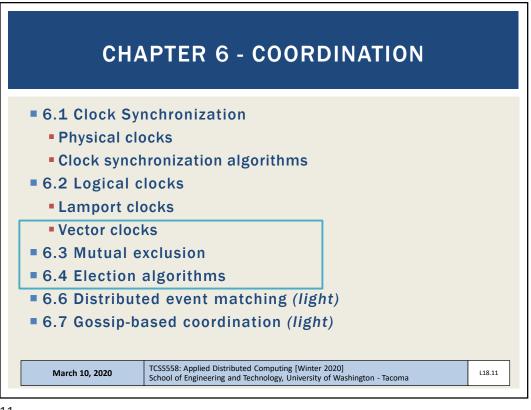


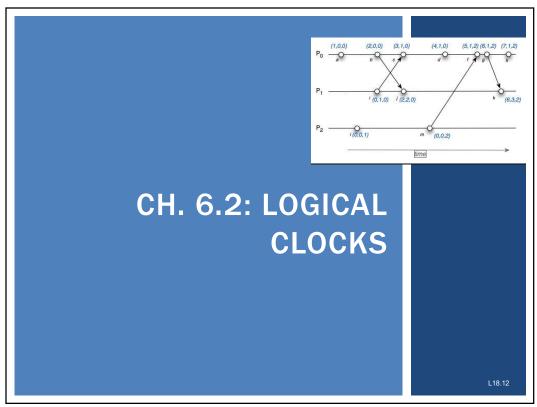




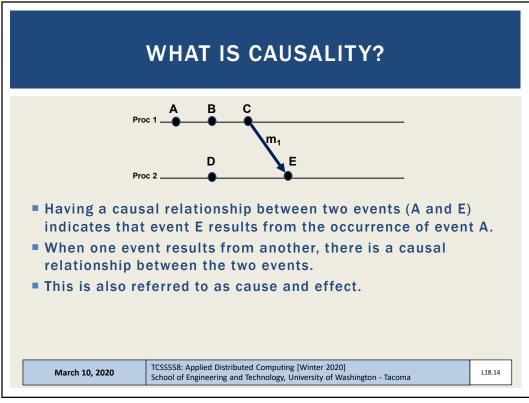


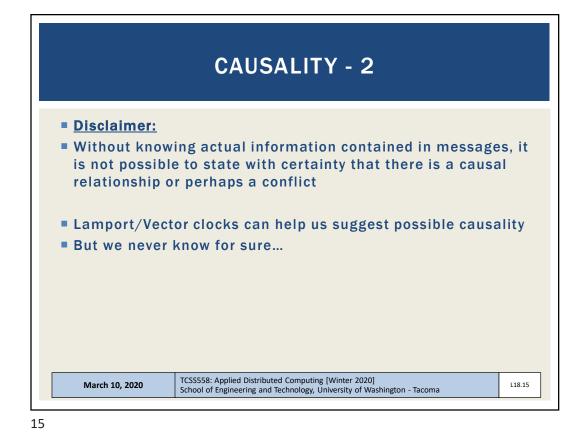


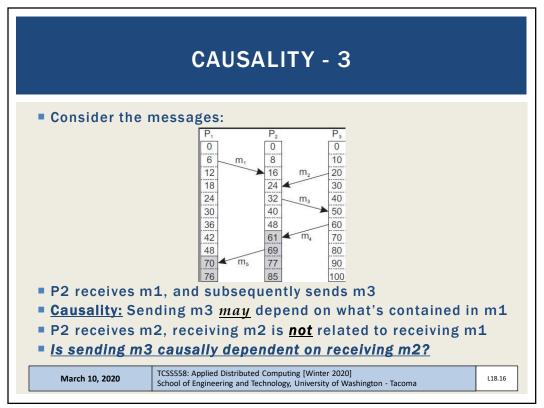


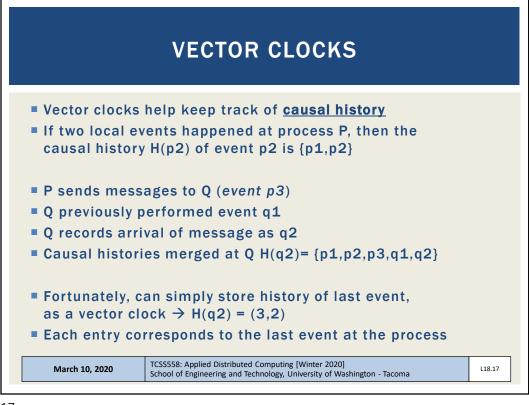


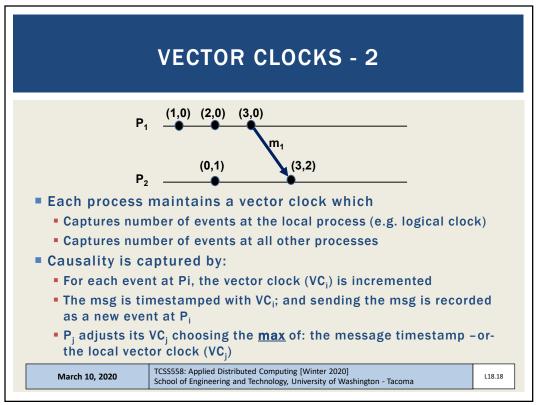
	VECTOR CLOCKS
 Lamport clo messages 	cks don't help to determine causal ordering of
Vector clock alternative	s capture causal histories and can be used as an
But what is	causality?
March 10, 2020	TCSS558: Applied Distributed Computing [Winter 2020] School of Engineering and Technology, University of Washington - Tacoma



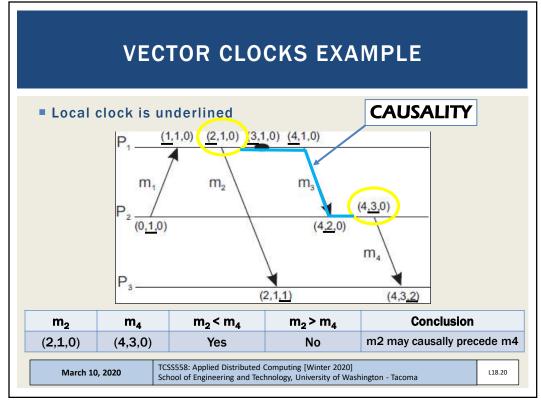


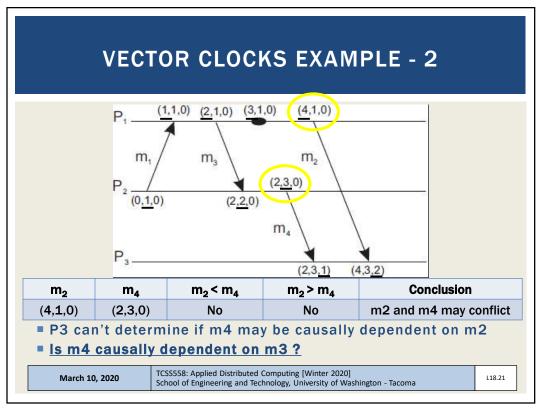


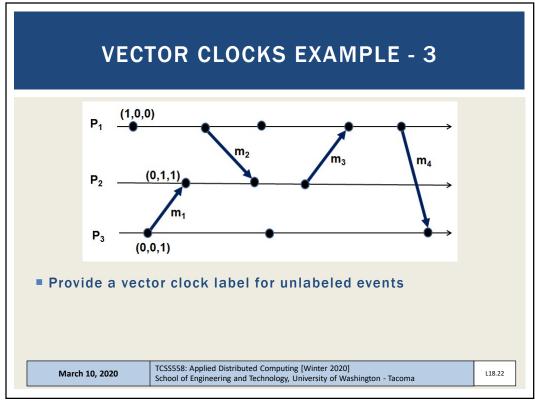


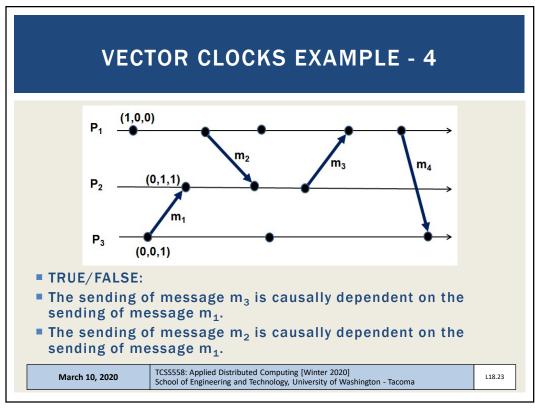


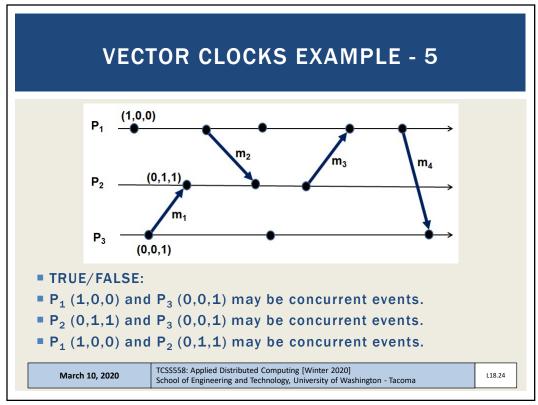
	VECTOR CLOCKS - 3
Pj knows the received mes	# of events at Pi based on the timestamps of the sage
	v many events have occurred at other processes estamps in the vector
These events	"may be causally dependent"
In other word message(s) t	ls: they may have been necessary for the o be sent
March 10, 2020	TCSS558: Applied Distributed Computing [Winter 2020]

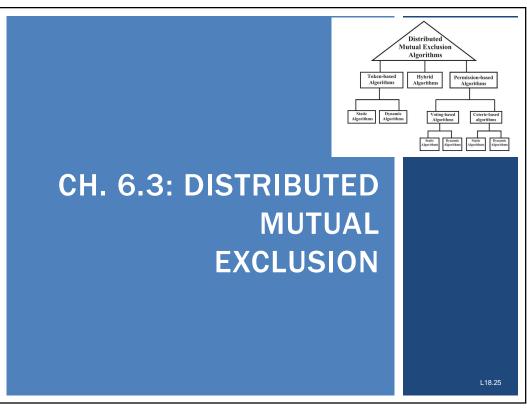


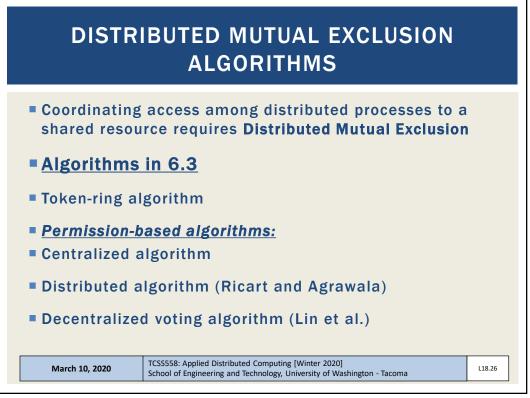


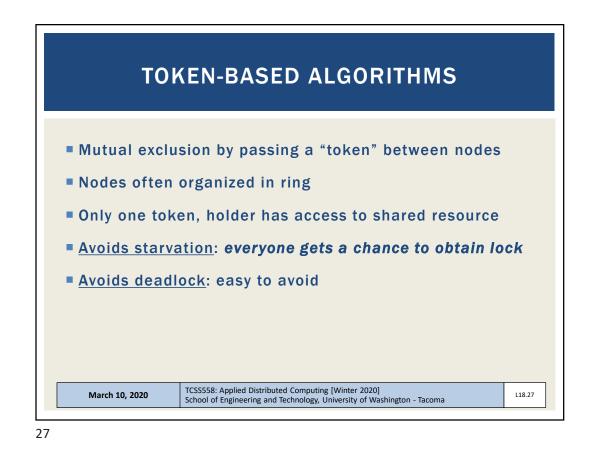


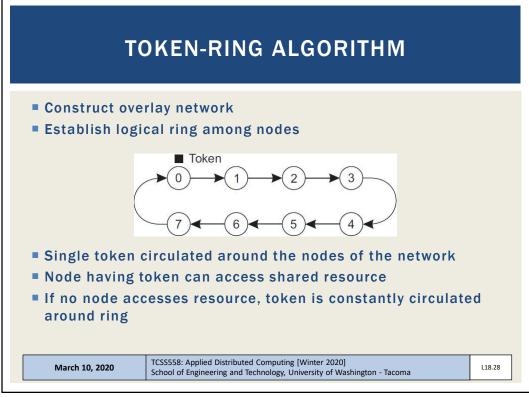


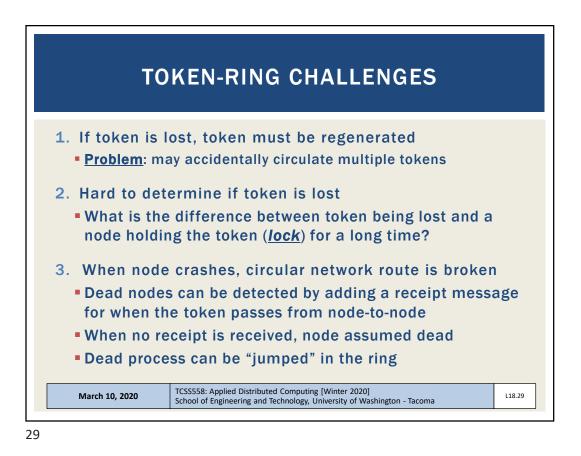


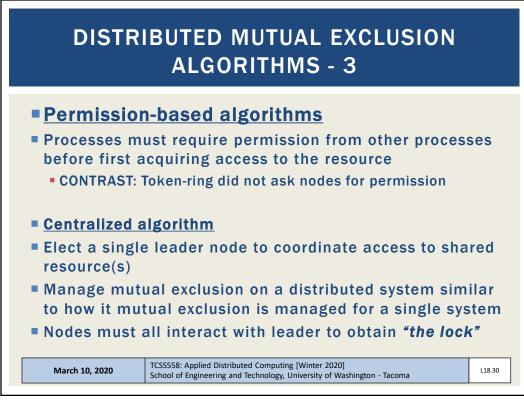


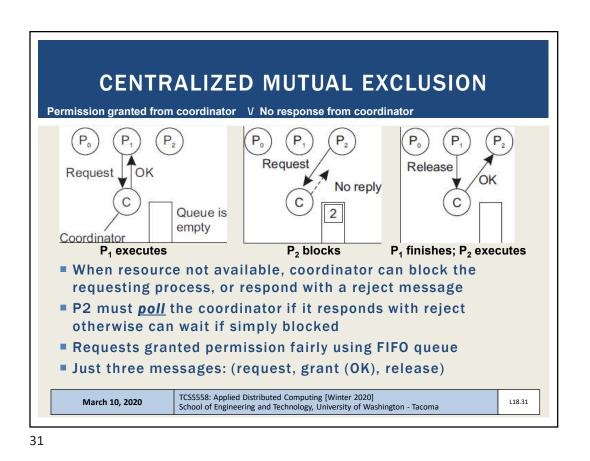


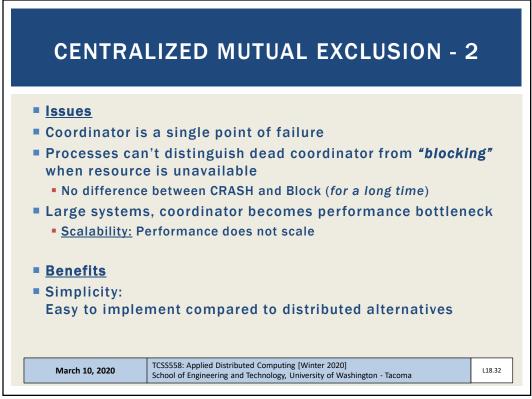


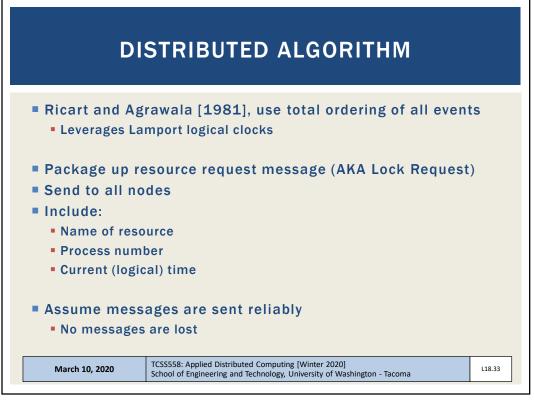


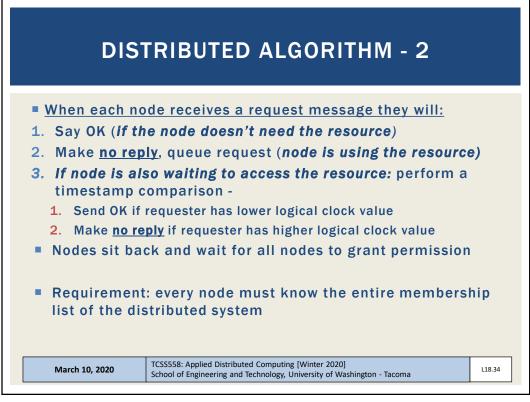




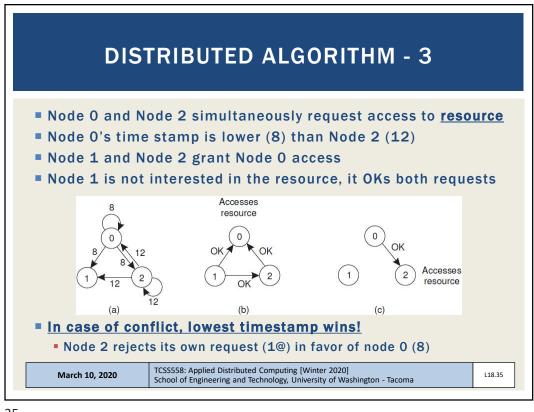


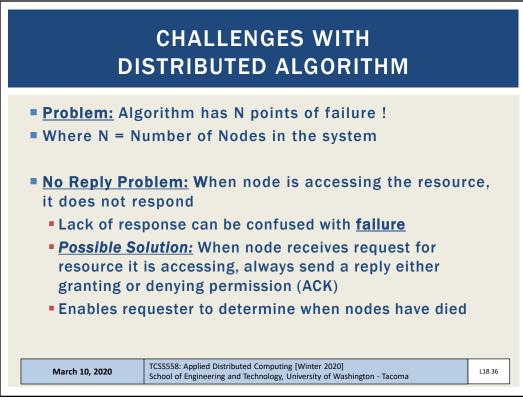


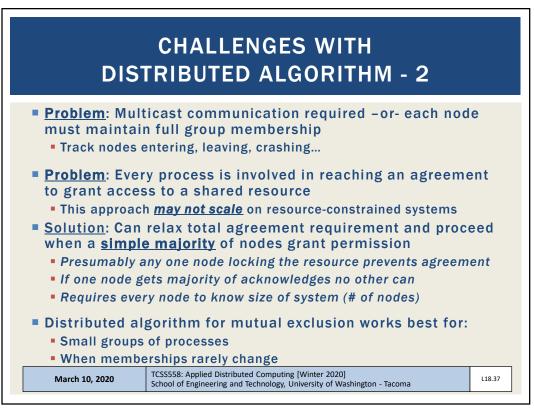


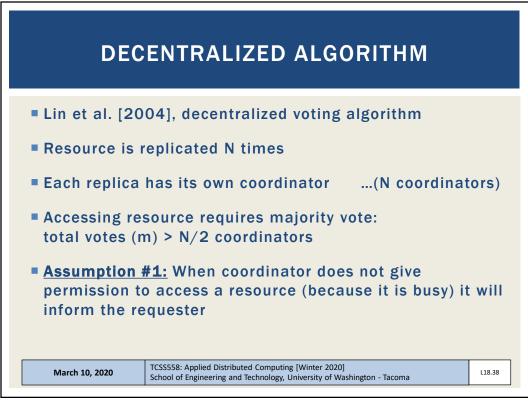


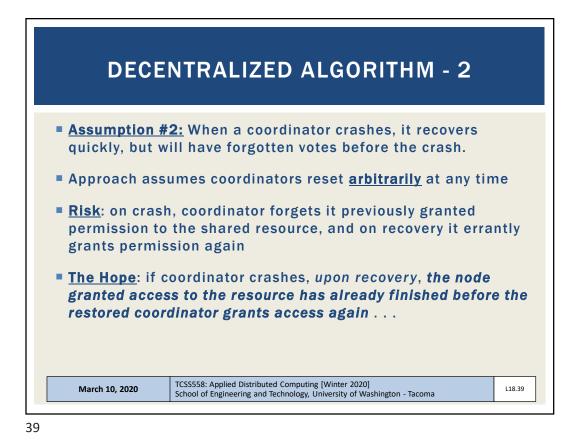
TCSS 558: Applied Distributed Computing [Winter 2020] School of Engineering and Technology, UW-Tacoma

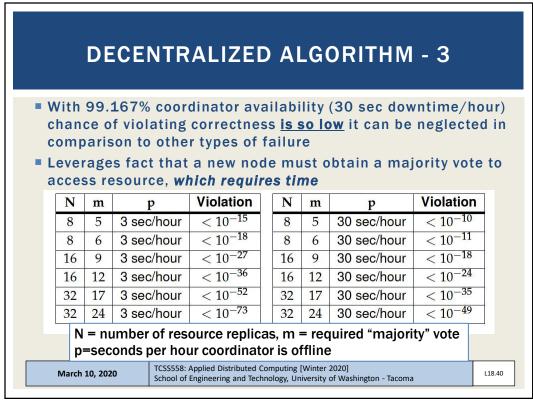


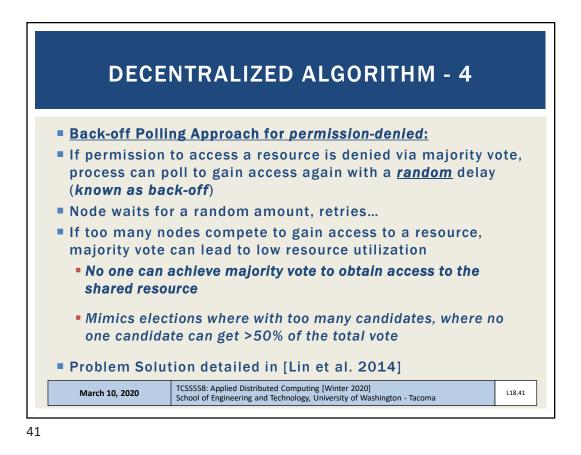


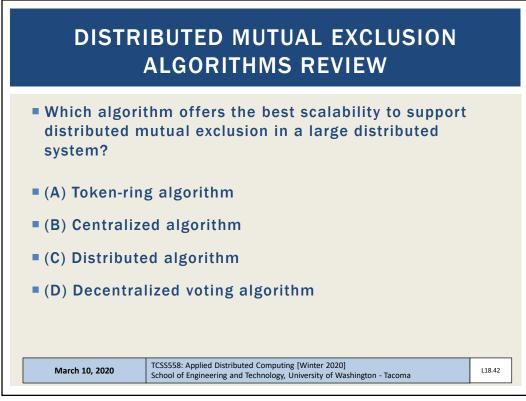


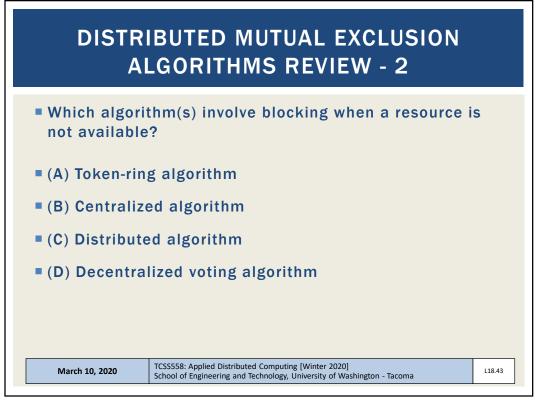


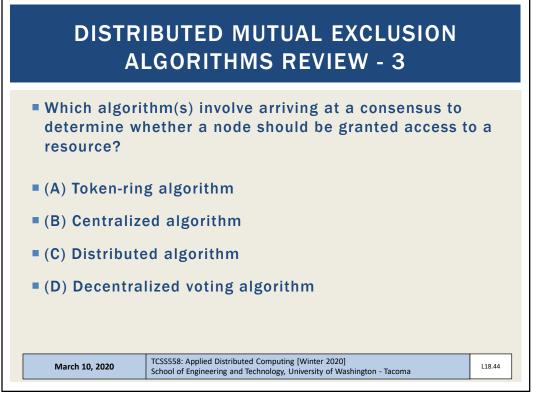


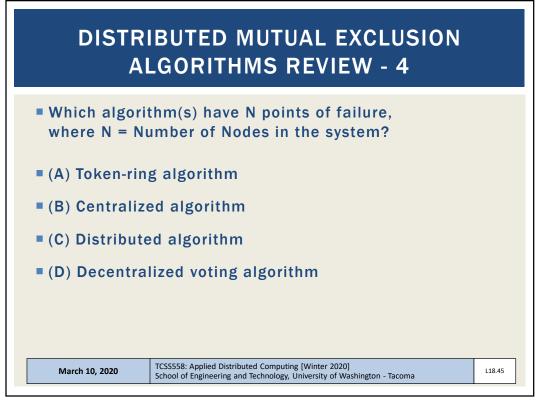


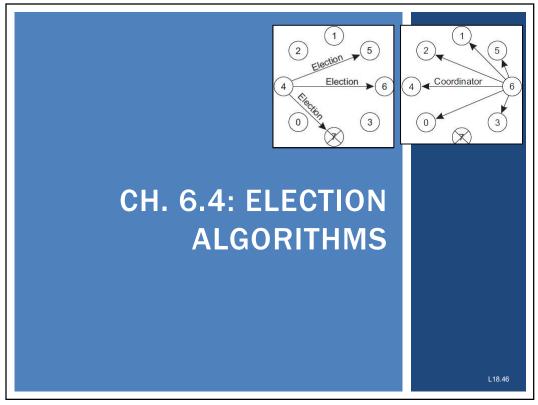


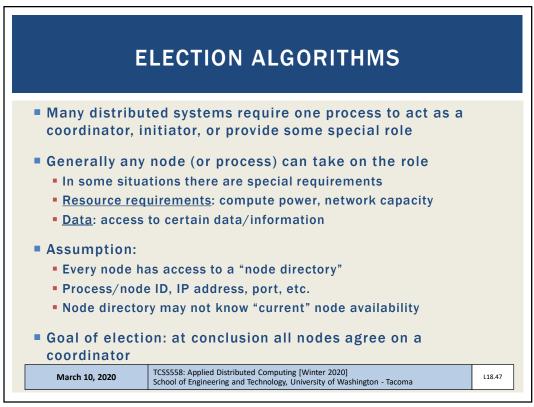


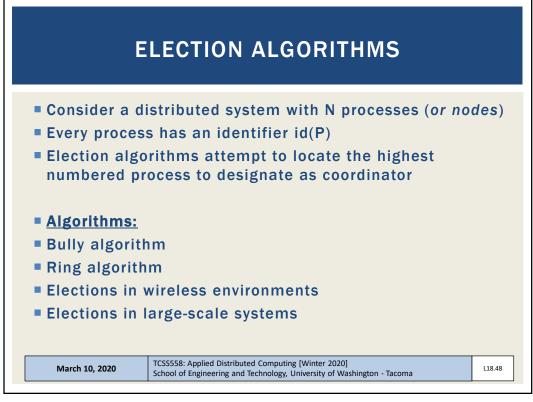


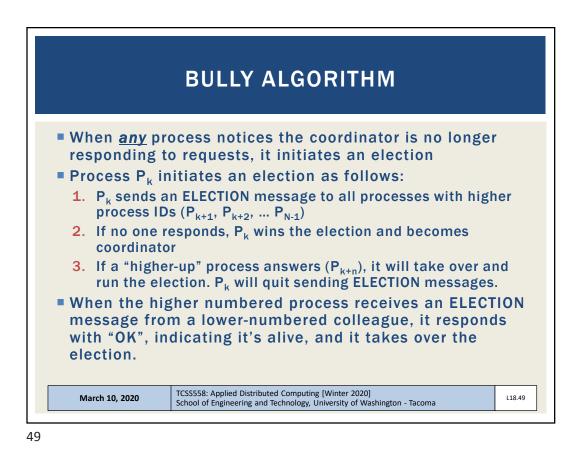


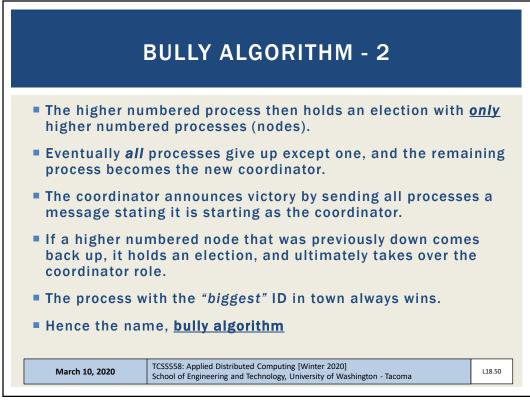


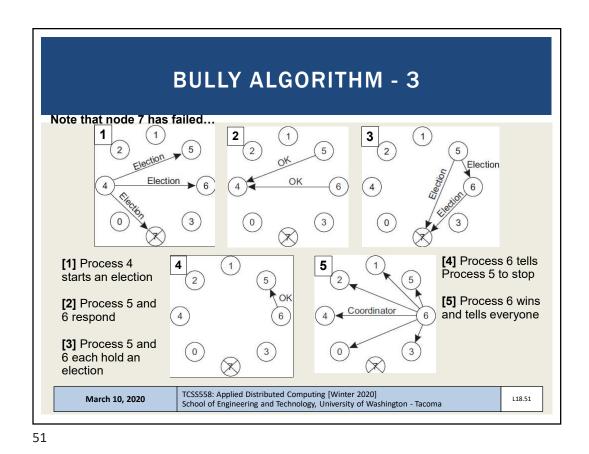




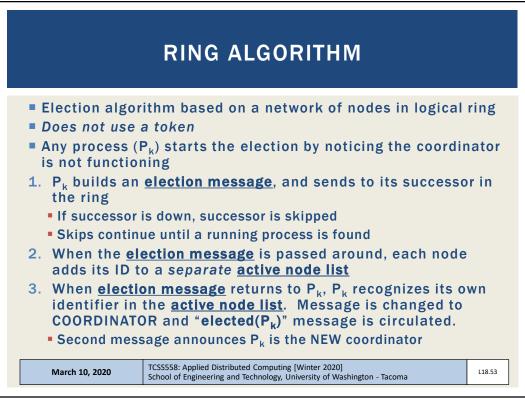


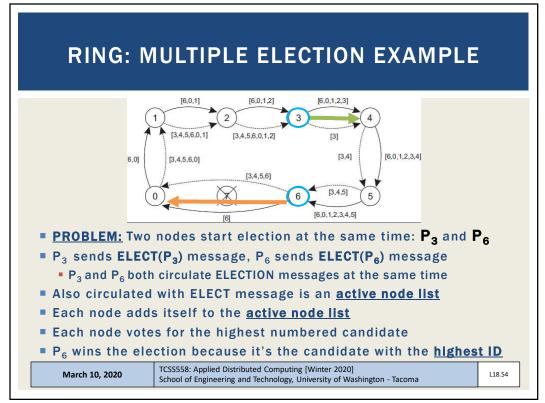


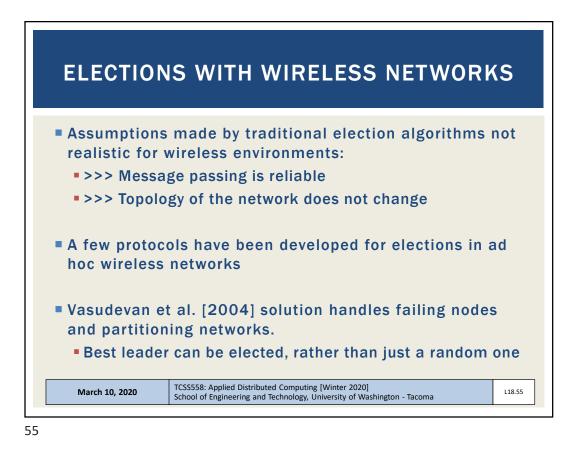


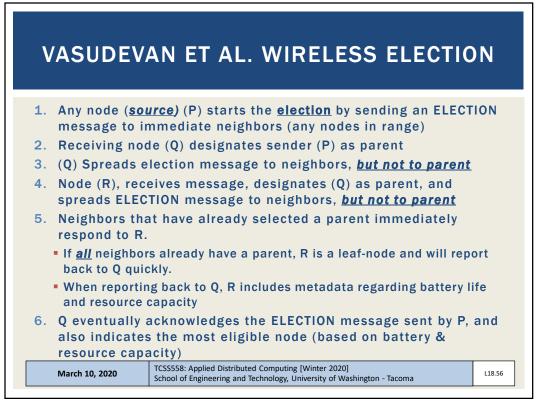












TCSS 558: Applied Distributed Computing [Winter 2020] School of Engineering and Technology, UW-Tacoma

