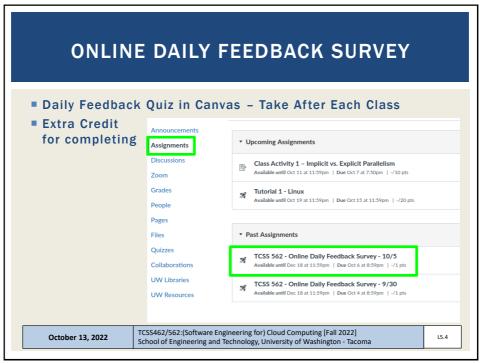
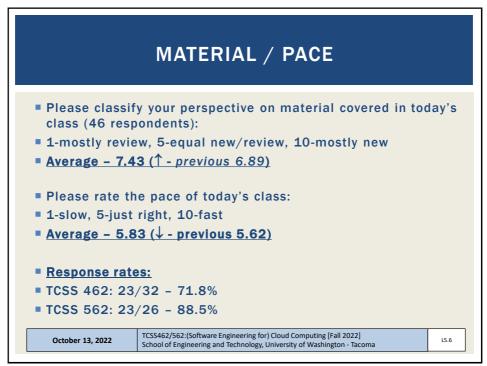




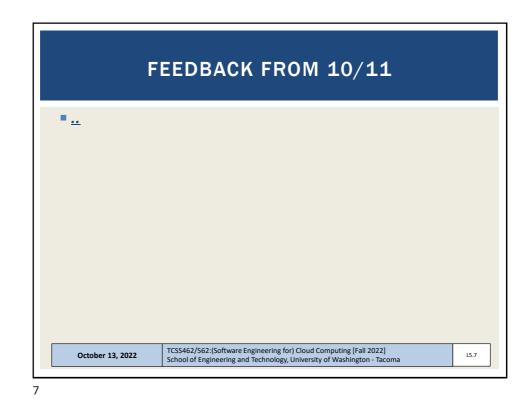
OFF	FICE HOURS - FALL 2022
■ <u>Tuesdays:</u>	
•4:20 to 5:	20 pm - CP 229
■ <u>Fridays</u>	
<b>12:00 to </b>	L:00 pm – ONLINE via Zoom
■Or email f	or appointment
	based on Student Demographics survey feedback
October 13, 2022	TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacoma

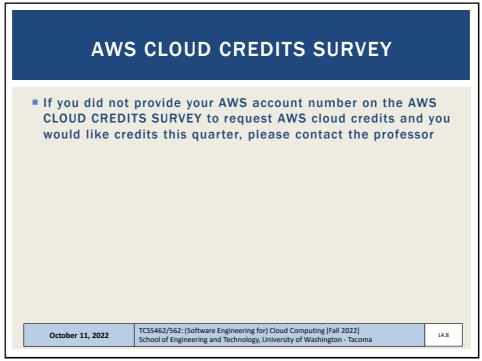


	z Instructions							
D	Question 1						0.5 pts	
	On a scale of 1 to 10, class:	please classify	our persp	oective o	n materi	al cover	ed in today's	
	1 2 3	4 5	6	7	8	9	10	
	Mostly Review To Me	Equal New and F					Mostly New to Me	
D	Question 2						0.5 pts	
	Please rate the pace o	of today's class:						
			6	7	8	9	10	
	1 2 3	4 5	•					

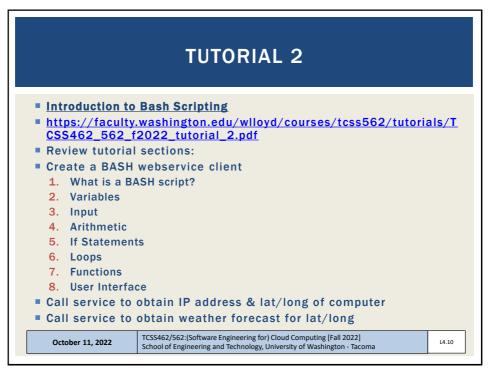




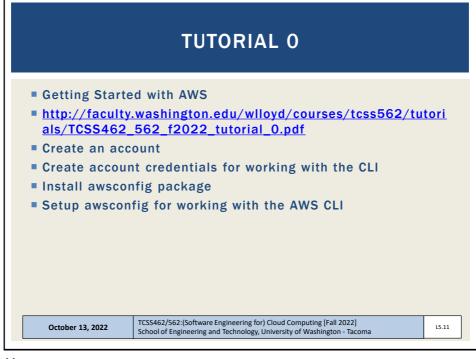


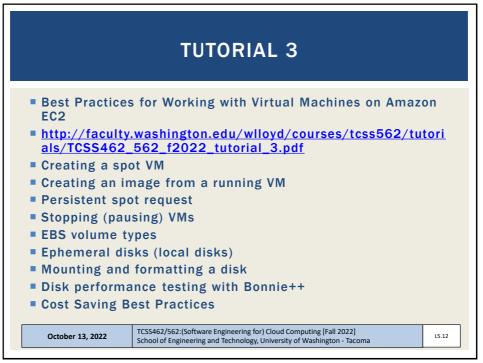


TUTORIAL 1
Introduction to Linux & the Command Line
https://faculty.washington.edu/wlloyd/courses/tcss562/tutori
als/TCSS462_562_f2022_tutorial_1.pdf
Tutorial Sections:
1. The Command Line
2. Basic Navigation
3. More About Files
4. Manual Pages
5. File Manipulation
6. VI – Text Editor
7. Wildcards
8. Permissions
9. Filters
<b>10.</b> Grep and regular expressions
11. Piping and Redirection
12. Process Management
October 11, 2022         TCSS462/S62:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacoma         L4.9

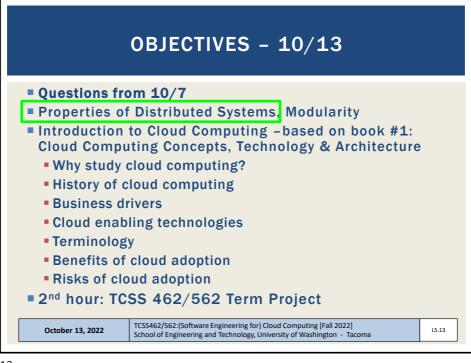


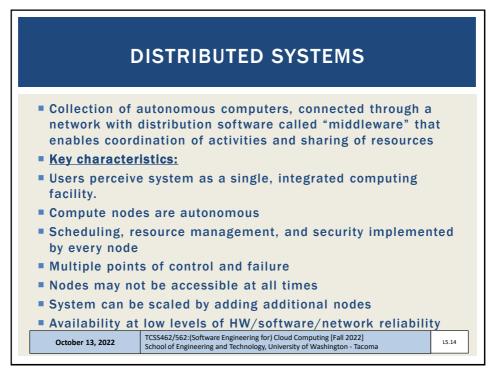


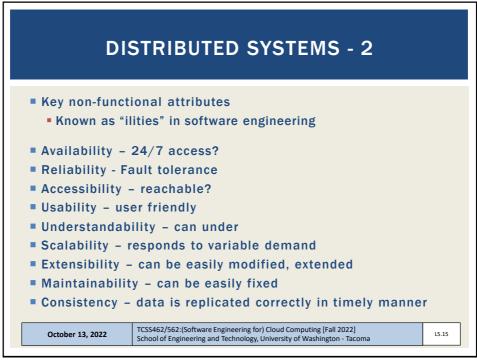


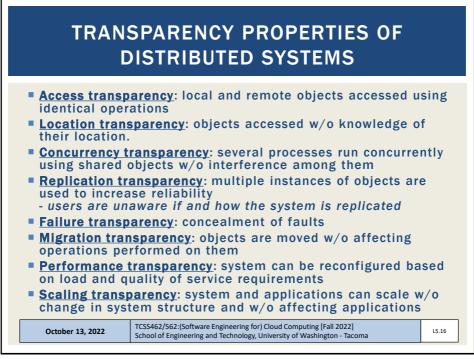


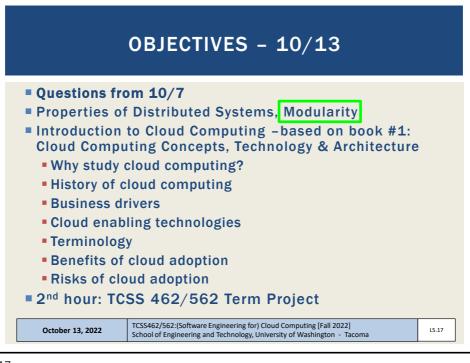


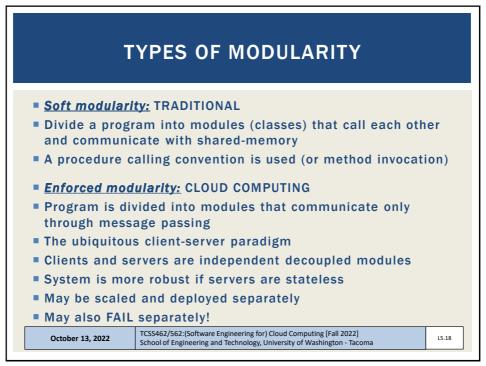


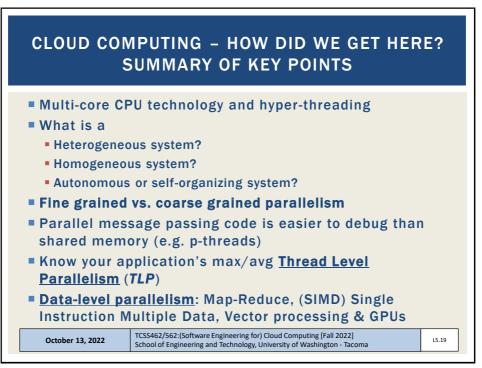


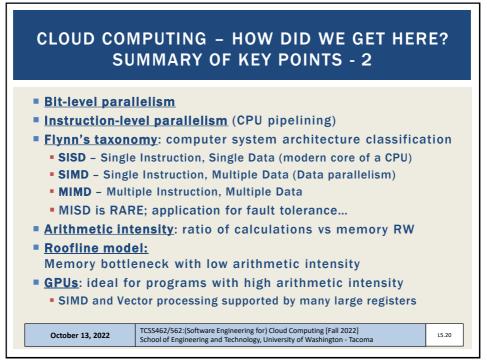




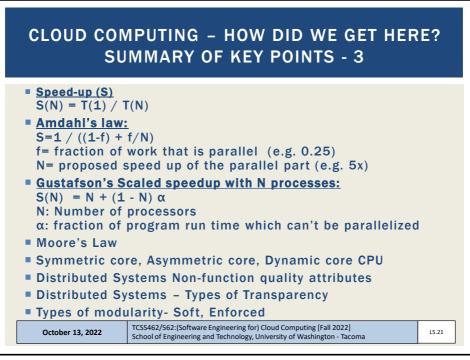


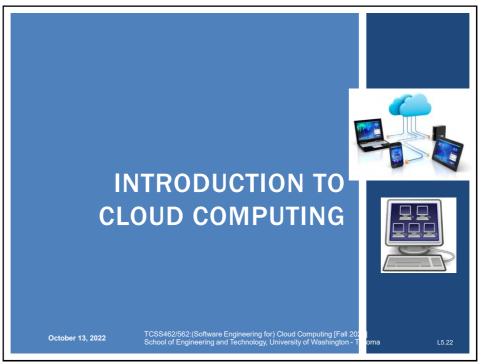


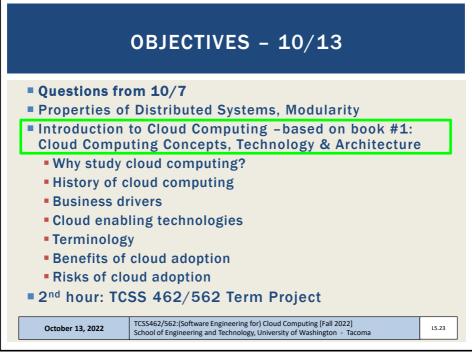


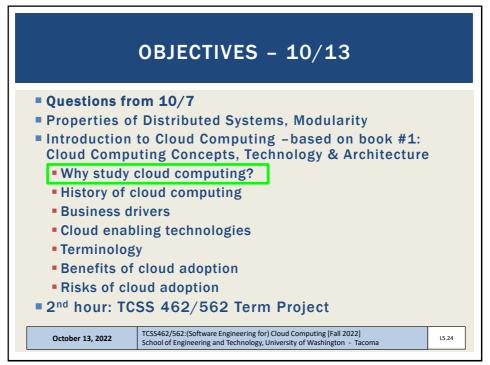




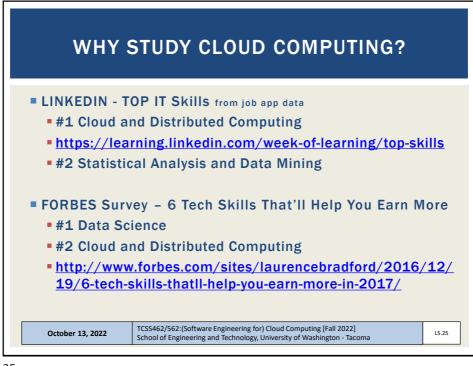


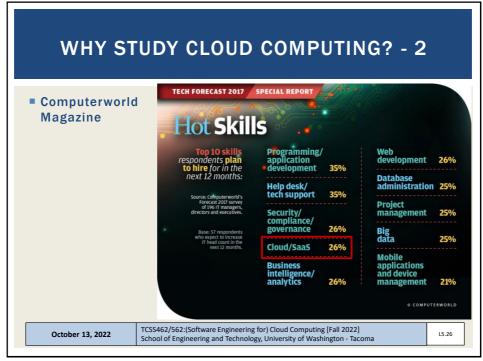




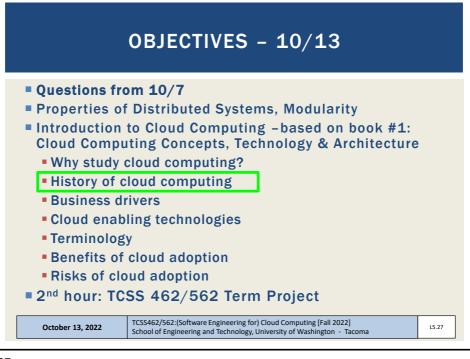


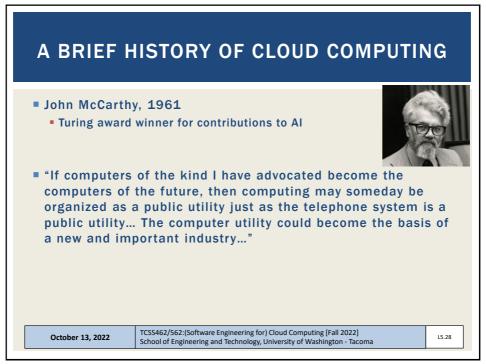


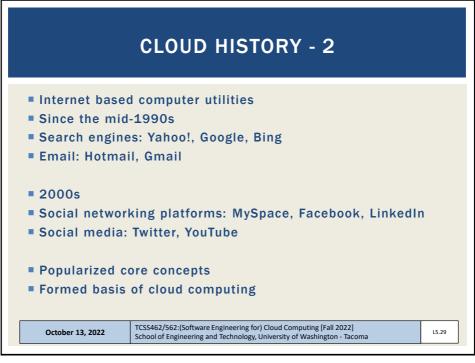


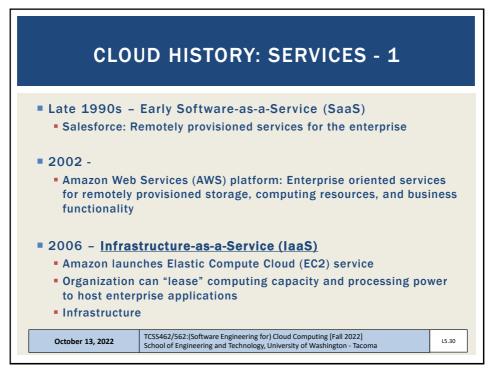


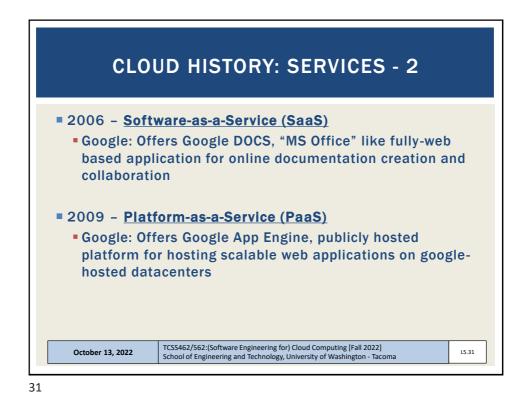


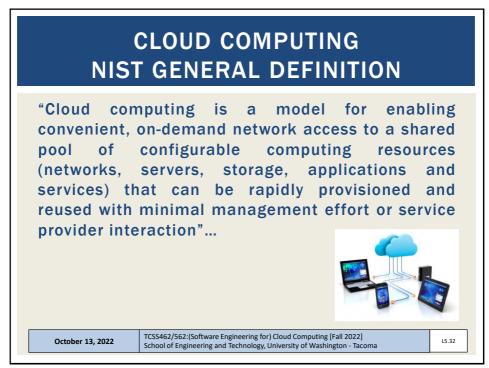




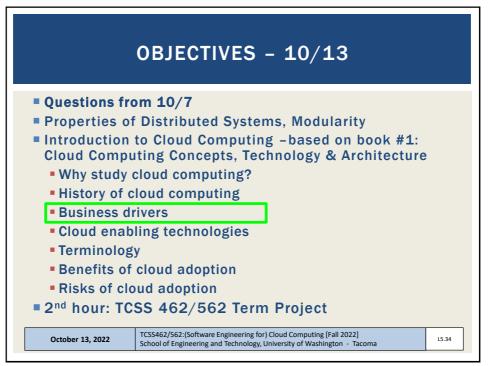




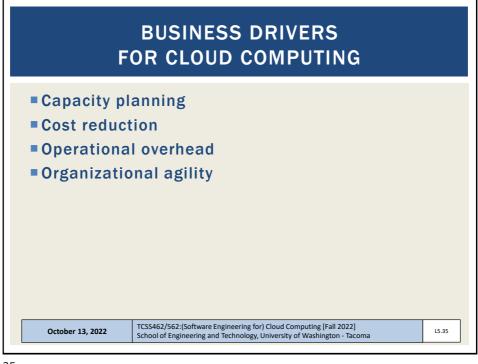


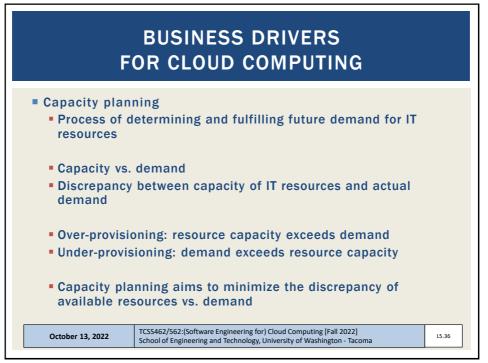


IVI	ORE CONCISE DEFINITION
distributed	mputing is a specialized form of computing that introduces utilization r remotely provisioning scalable and resources."
	nputing Concepts, Technology, and Architecture . Puttini, Prentice Hall, 5 <sup>th</sup> printing, 2015



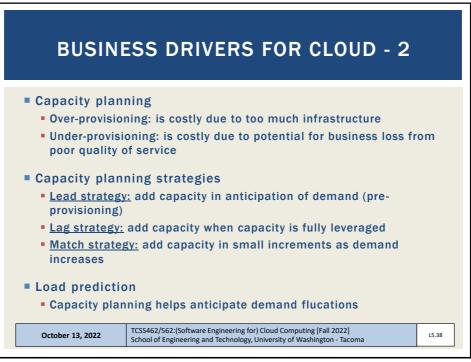




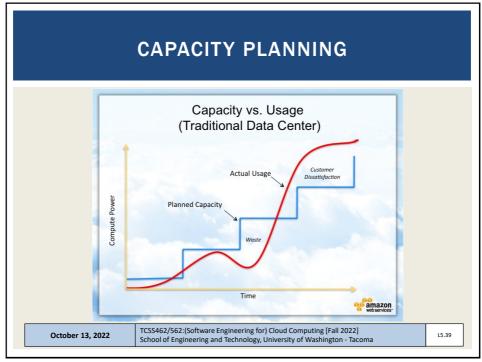


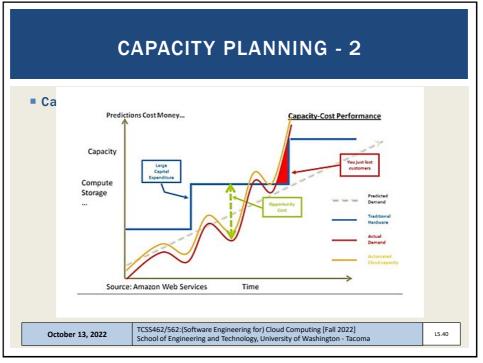


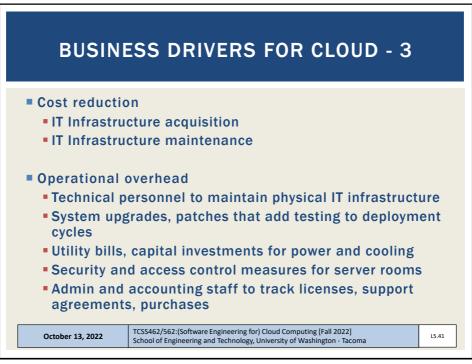


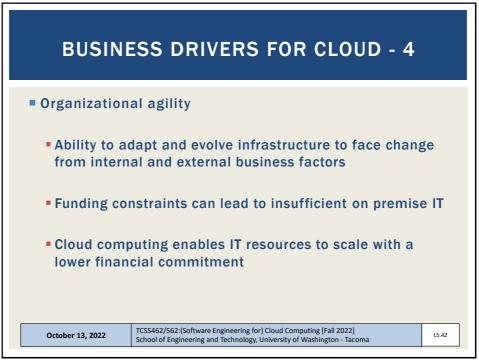


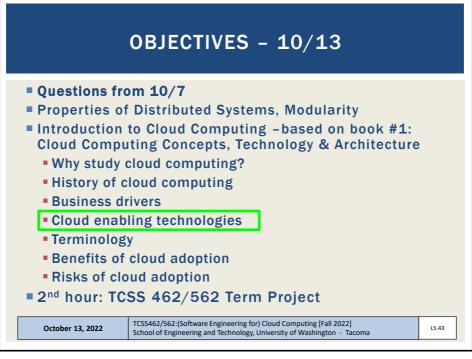


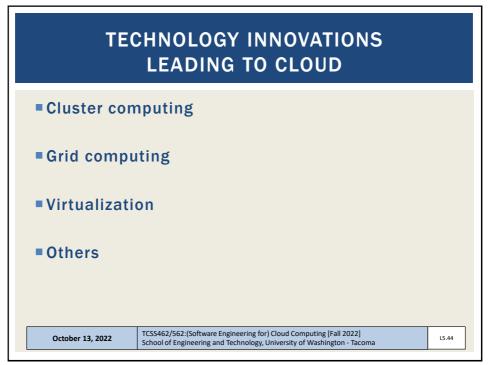




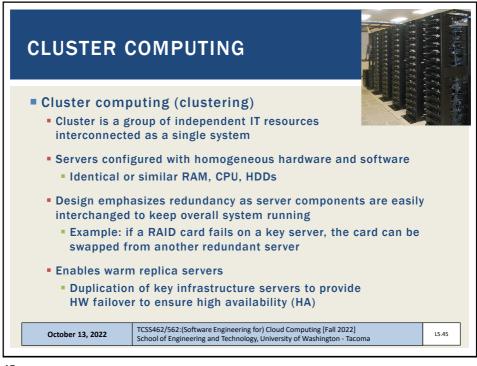


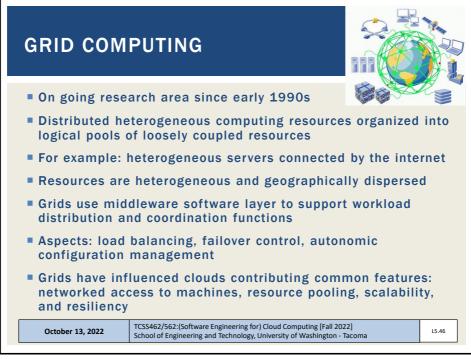


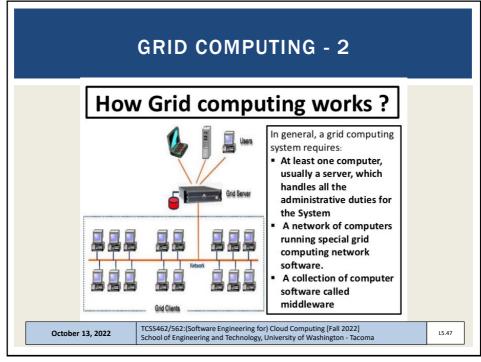


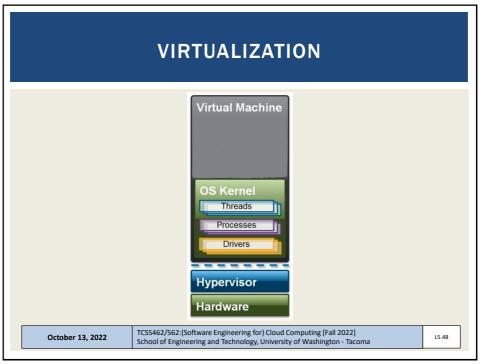




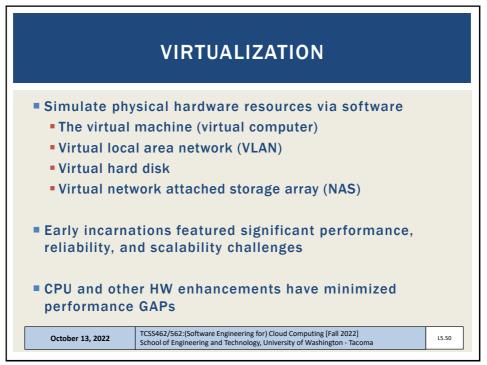


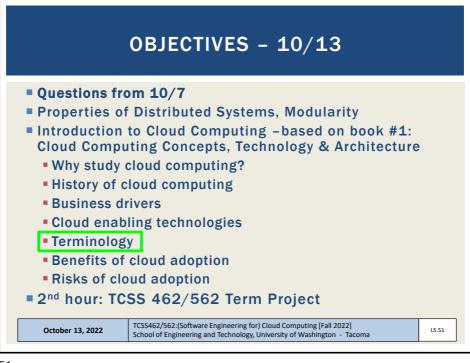


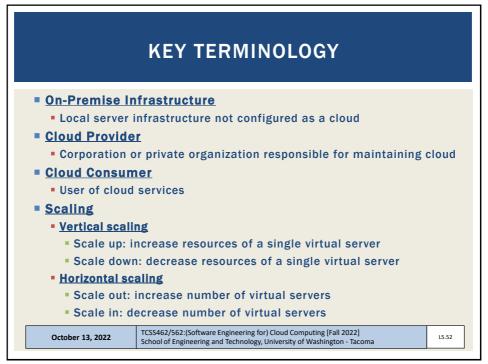




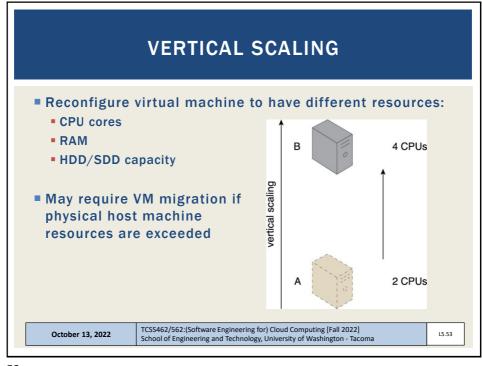
VIRTUALIZATION			
Virtual Machine OS Kernel Threads Processes Drivers	Virtual Machine OS Kernel Threads Processes Drivers Hypervis		Virtual Machine
October 13, 2022	Hardware TCSS462/562:(Software Engineerin School of Engineering and Techno	ng for) Cloud Computing [Fall 20	

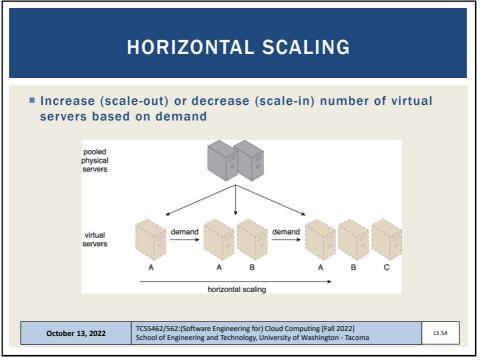




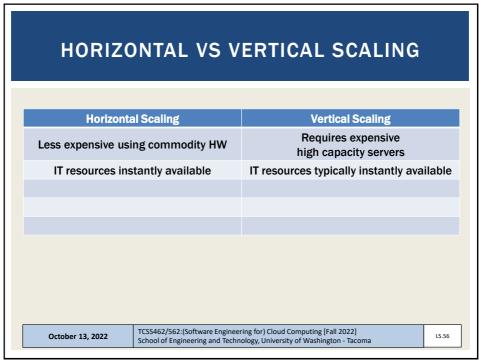


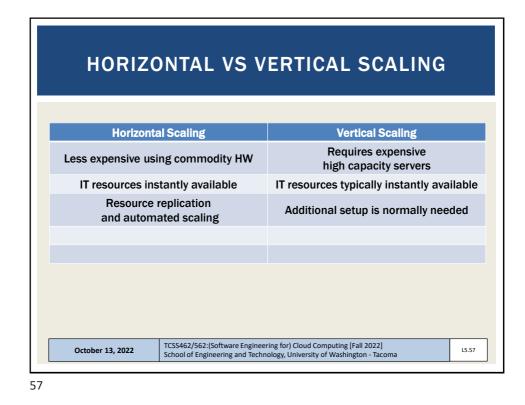


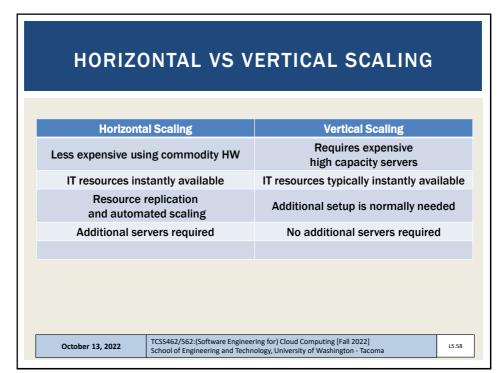




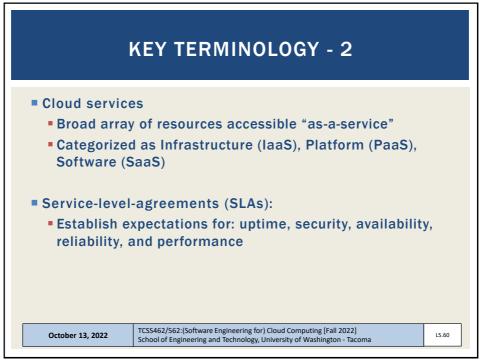
HORIZ	ONTAL VS VEF	RTICAL SCALING	
Horizont	al Scaling	Vertical Scaling	
Less expensive us	ing commodity HW	Requires expensive high capacity servers	
October 13, 2022	TCSS462/562:(Software Engineering fo School of Engineering and Technology,		L5

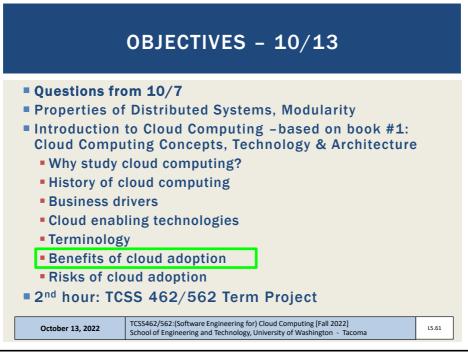


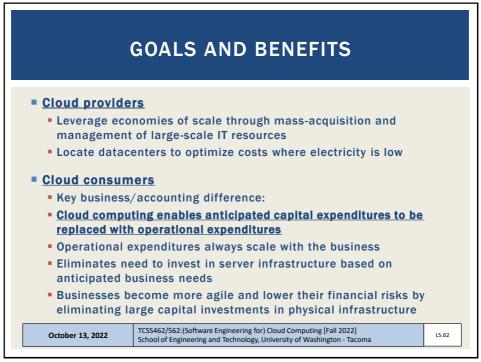


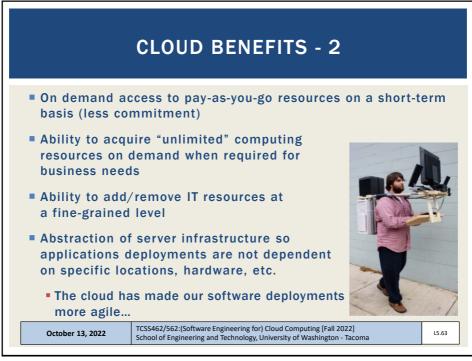


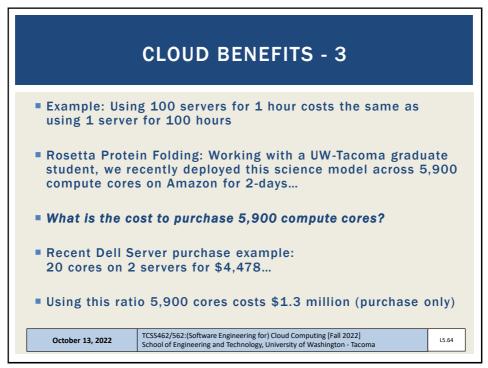
Horizonta	al Scaling	Vertical Scaling		
Less expensive using commodity HW		Requires expensive high capacity servers		
IT resources instantly available		IT resources typically instantly available		
Resource replication and automated scaling		Additional setup is normally needed		
Additional servers required		No additional servers required		
Not limited by individual server capacity		Limited by individual server capacity		
October 13, 2022 TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacoma				

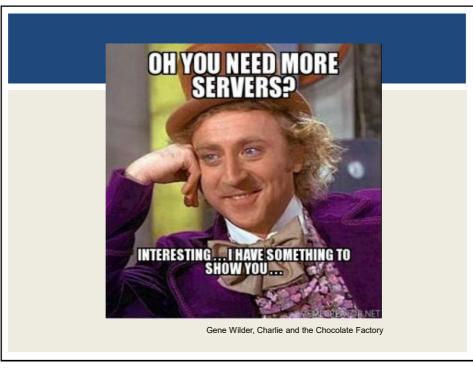


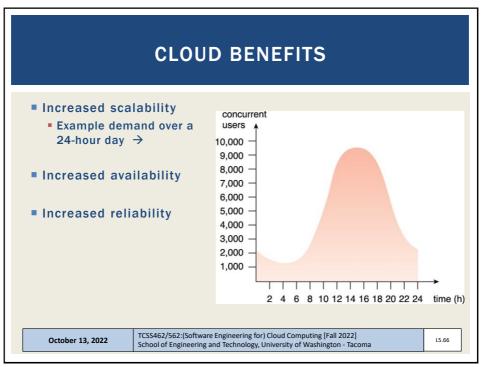


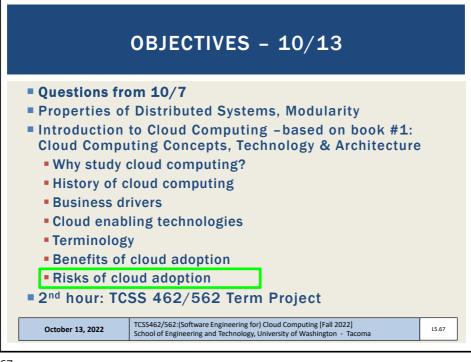


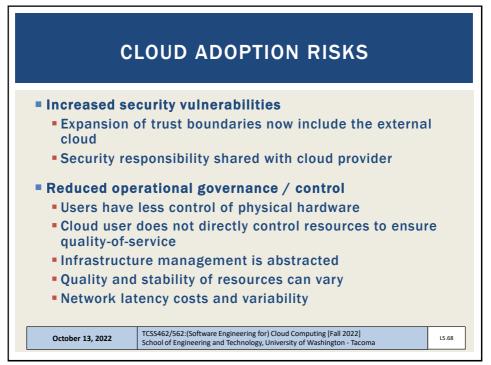


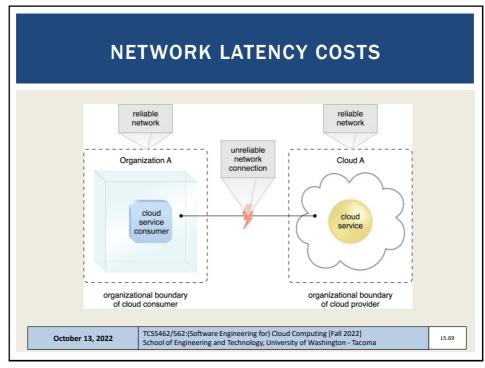


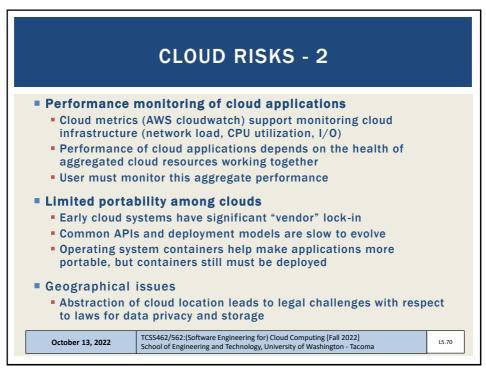


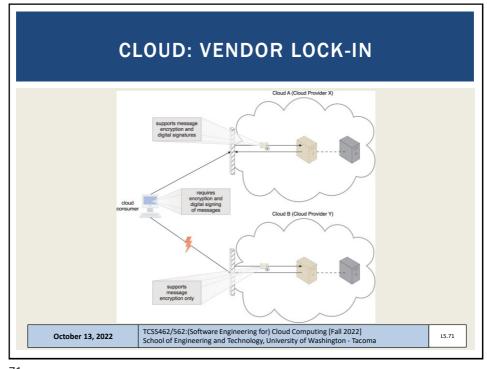


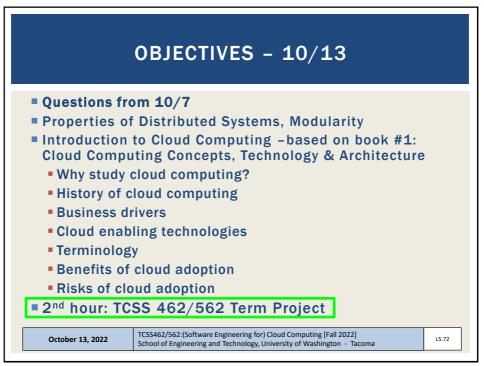






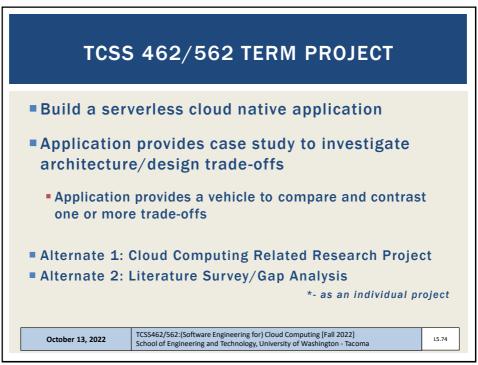






TCSS 462: Cloud Computing TCSS 562: Software Engineering for Cloud Computing School of Engineering and Technology, UW-Tacoma





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