TCSS 558: Applied Distributed Computing [Winter 2024] School of Engineering and Technology, UW-Tacoma





ONLIN	E DAILY F	EEDBACK SURVEY
 Daily Feedbac Extra credit a Tuesday surve Thursday surve 	k Quiz in Canva vailable for com eys: due by ~ We eys: due ~ Mon	s – Available After Each Class pleting surveys <u>ON TIME</u> ed @ 10p @ 10p
		Assignments
	Winter 2021	Search for Assignment
	Announcements Assignments	 Upcoming Assignments
	Zoom Chat	CCSS 558 - Online Daily Feedback Survey - 1/5 Not available until Jan 5 at 1:30pm Due Jan 6 at 10pm -/1 pts
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Avai	Jan 6 at Iable Jan	10pm 1 5 at 1:	-30pm	Jan 6 at	Qu 11:59p	om 1 day	4 Ti	ime Limi	it None	5
	Questi	ion 1								0.5 pt
	On a se class:	cale of 1	L to 10, p	olease cla	assify yo	our persp	ective o	on materi	al cove	red in today's
	1 Mostly Review	2 y w To Me	3	4 Nev	5 Equal w and Rev	6 view	7	8	9	10 Mostly New to Me
	Quest	ion 2								0.5 pt
	Please	rate the	pace of	today's o	lass:					
	1	2	3	4	5	6	7	8	9	10





























TYPES OF SERVERS				
 Daemon server Example: NTP server 				
Superserver				
 Stateless server Example: Apache server 				
Stateful server				
Object servers				
■EJB servers				
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I	DNS: LINUX COMMANDS	
nslookupName server	<ip addr="" hostname=""> r lookup - translates hostname or IP to the inv</ip>	/erse
 tracerout Traces netwo By default, o 	e <ip addr="" hostname=""> ork path to destination output is limited to 30 hops, can be increased</ip>	





DNS EXAMPLE – WAN DISPATCHING					
 Ping <u>www.goo</u> nslookup: 6 a 	gle.com in WA from wireless network: Ilternate addresses returned, choose (74.125.28.147)				
Latency to WA client: Latency to VA client	o ping VA server in WA: ~3.63x local-google 22.458ms to VA-google 81.637ms co ping WA server in VA: ~48.7x : local-google 1.278ms to WA-google 62.349!				
 From local wir Ping 172.217. 	eless network, ping VA us-east-1 google : 9.196: Average RTT=81.637ms (11 attempts, 15 hops)				
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