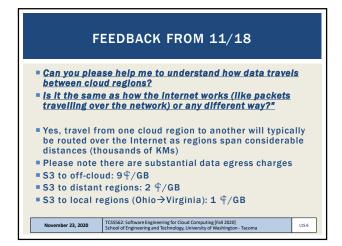
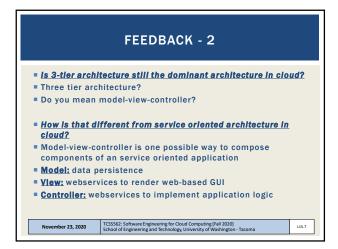


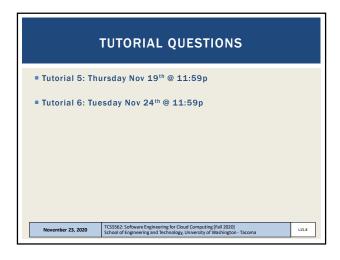
MATERIAL / PACE

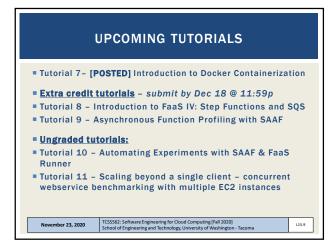
■ Please classify your perspective on material covered in today's class (22 respondents):
■ 1-mostly review, 5-equal new/review, 10-mostly new
■ Average - 6.30 (↑ - previous 6.09)

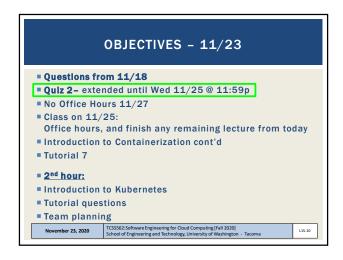
■ Please rate the pace of today's class:
■ 1-slow, 5-just right, 10-fast
■ Average - 5.35 (↓ - previous 5.55)

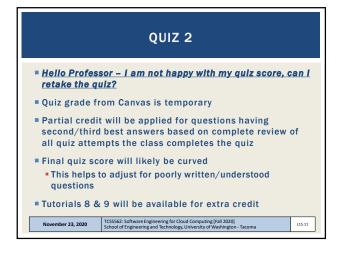


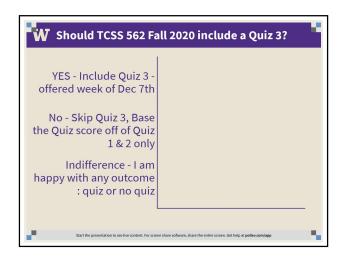


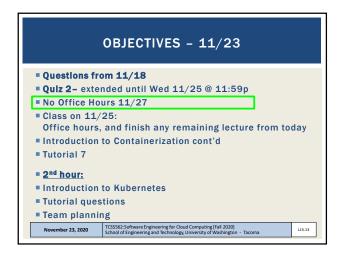


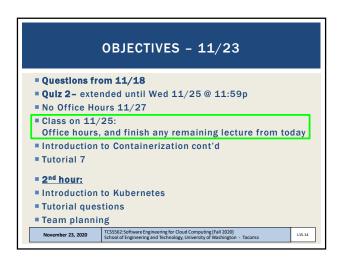


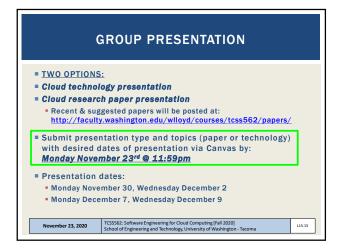


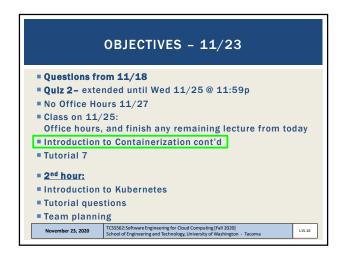


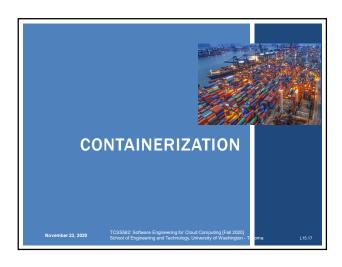


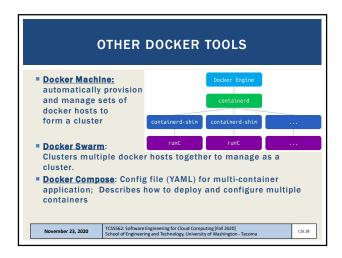






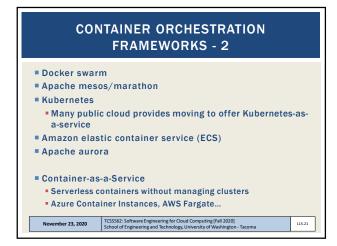


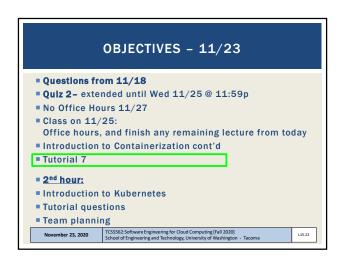


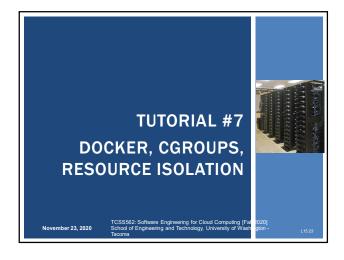


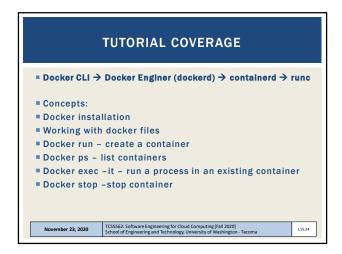
CONTAINER ORCHESTRATION FRAMEWORKS Framework(s) to deploy multiple containers Provide container clusters using cloud VMs Similar to "private clusters" Reduce VM idle CPU time in public clouds Better leverage "sunk cost" resources Compact multiple apps onto shared public cloud infrastructure Generate to cost savings Reduce vendor lock-in



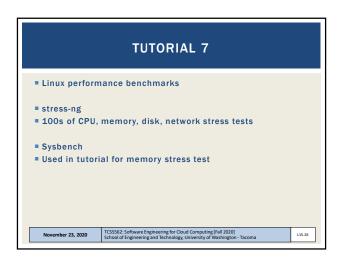




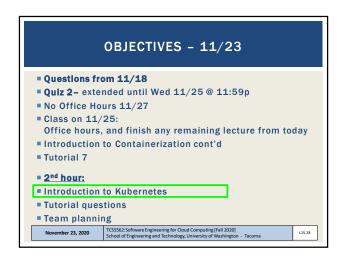


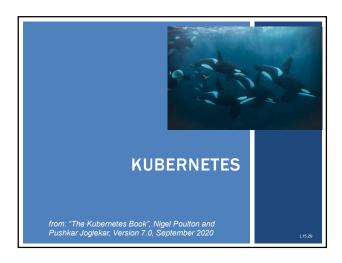


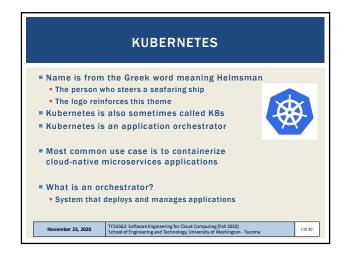
```
Attach local standard input, output, and error streams to a running container build commit create a new longs from a Container's changes cornet create a new longs from a container and the local filesystem deploy and the create a new container and the local filesystem create a new container create a new container and the local filesystem create a new container and the local filesystem create a new container create a filesystem creater create a new container creater c
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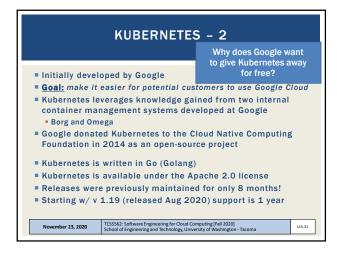


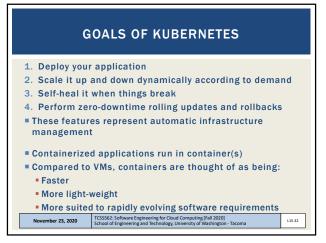


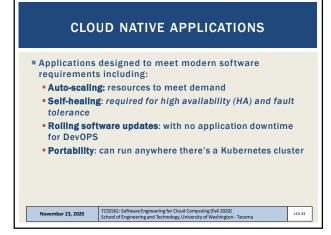


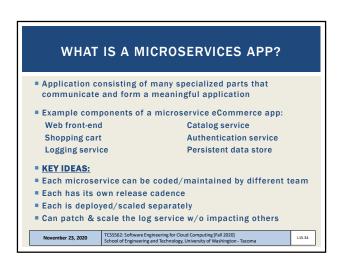


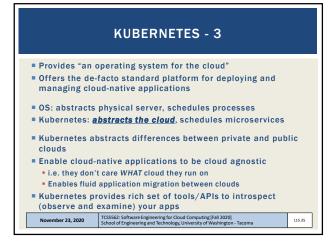


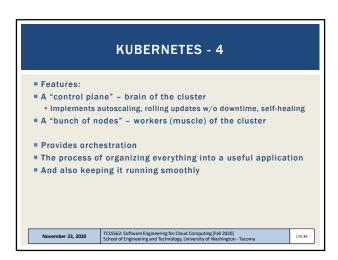


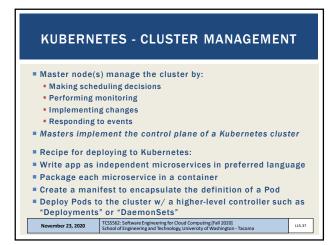


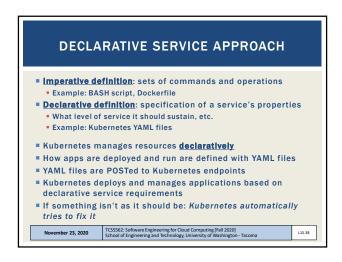


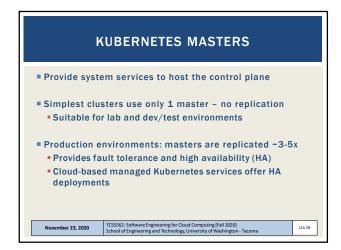


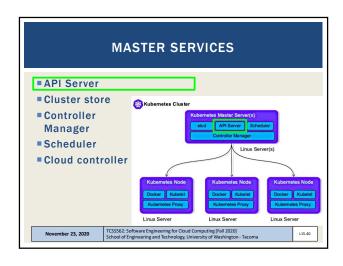


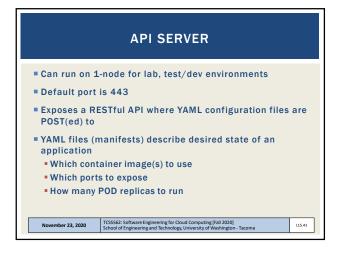


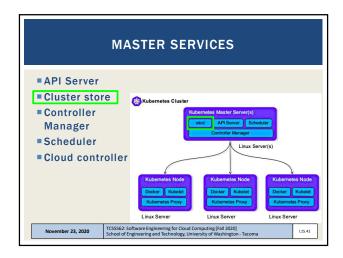


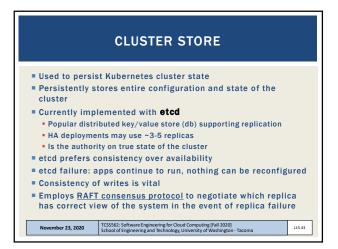


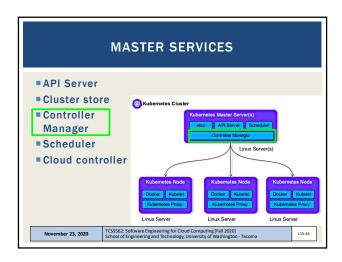


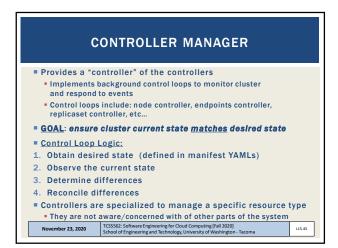


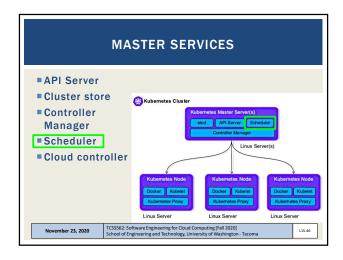












TASK SCHEDULER

Scheduler's job is to identify the best node to run a task
Scheduler does not actually run tasks itself

Assigns work tasks to appropriate healthy nodes
Implements complex logic to filter out nodes incapable of running specified task(s)

Capable nodes are ranked

Node with highest ranking is selected to run the task

TCSSS62: Software Engineering for Cloud Computing [Fall 2020]
School of Engineering and Technology, University of Washington-Tacoma

